

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 09

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	137,670	146,150	8,480	6%	33,800	45,740	\$32,114 NA	
11-0000	Management Occupations	7,670	7,920	250	3%	1,430	1,870	\$74,912 NA	
11-1000	Top Executives	2,610	2,740	130	5%	490	620	NA NA	
11-1011	Chief Executives	610	600	-10	-2%	120	120	\$128,739	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	1,900	2,040	140	7%	360	500	\$81,199	Work experience plus bachelor's or higher degree
11-1031	Legislators	100	100	0	0%	10	10	\$14,397	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	530	540	10	2%	100	120	NA NA	
11-2011	Advertising and Promotions Managers	70	70	0	0%	10	10	\$57,515	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	180	180	0	0%	30	30	NA	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	210	240	30	14%	40	60	\$83,425	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	60	60	0	0%	10	10	\$52,480	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	1,550	1,570	20	1%	280	320	NA NA	
11-3011	Administrative Services Managers	130	130	0	0%	30	30	\$50,553	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	210	210	0	0%	40	40	\$71,053	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	410	410	0	0%	60	60	\$76,004	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	180	180	0	0%	30	30	NA NA	
11-3051	Industrial Production Managers	370	400	30	8%	70	100	\$67,241	Bachelor's degree
11-3061	Purchasing Managers	130	110	-20	-15%	30	30	\$73,885	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	130	130	0	0%	30	30	\$65,633	Work experience in a related occupation
11-9000	Other Management Occupations	2,980	3,070	90	3%	570	810	NA NA	
11-9011	Farm, Ranch, and Other Agricultural Managers	210	250	40	19%	40	80	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	380	390	10	3%	70	80	\$77,400	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	40	0	0%	10	20	\$32,755	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	170	210	40	24%	40	80	\$71,041	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	30	30	0	0%	10	10	NA	Work experience plus bachelor's or higher degree
11-9041	Engineering Managers	240	240	0	0%	50	50	\$83,100	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	290	300	10	3%	50	60	\$40,025	Work experience in a related occupation
11-9061	Funeral Directors	30	30	0	0%	10	10	\$68,925	Associate degree
11-9071	Gaming Managers	70	90	20	29%	10	30	NA	Work experience plus bachelor's or higher degree
11-9081	Lodging Managers	110	110	0	0%	20	20	\$28,458	Work experience in a related occupation
11-9111	Medical and Health Services Managers	330	410	80	24%	60	150	\$57,977	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	40	30	-10	-25%	10	10	\$74,192	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	60	60	0	0%	10	10	\$49,134	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	90	90	0	0%	20	20	\$45,350	Bachelor's degree
11-9151	Social and Community Service Managers	110	120	10	9%	20	30	\$37,295	Bachelor's degree
11-9199	Managers, All Other	780	640	-140	-18%	150	150	\$60,324	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	3,690	3,790	100	3%	700	930	\$40,955 NA	
13-1000	Business Operations Specialists	2,340	2,370	30	1%	460	610	NA NA	
13-1021	Purchasing Agents and Buyers, Farm Products	30	30	0	0%	10	10	\$57,582	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	380	270	-110	-29%	100	100	\$41,710	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	70	80	\$42,424	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	40	40	0	0%	10	10	NA	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	80	80	0	0%	20	20	\$35,934	Long-term on-the-job training

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13-1051	Cost Estimators	140	150	10	7%	30	40	\$50,956	Bachelor's degree
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	\$22,060	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	130	160	30	23%	20	50	\$39,414	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	90	10	13%	10	20	\$42,364	Bachelor's degree
13-1073	Training and Development Specialists	150	170	20	13%	20	50	\$37,406	Bachelor's degree
13-1111	Management Analysts	270	270	0	0%	40	40	\$58,638	Work experience plus bachelor's or higher degree
13-1199	Business Operations Specialists, All Other	760	820	60	8%	130	190	\$29,094	Bachelor's degree
13-2000	<i>Financial Specialists</i>	1,350	1,420	70	5%	250	320	NA	NA
13-2011	Accountants and Auditors	770	780	10	1%	150	160	\$47,206	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	\$29,136	Postsecondary vocational training
13-2031	Budget Analysts	30	30	0	0%	10	10	\$45,402	Bachelor's degree
13-2041	Credit Analysts	50	60	10	20%	10	10	\$41,449	Bachelor's degree
13-2051	Financial Analysts	60	70	10	17%	10	20	\$62,674	Bachelor's degree
13-2053	Insurance Underwriters	20	20	0	0%	0	0	NA	Bachelor's degree
13-2072	Loan Officers	160	170	10	6%	30	40	\$50,374	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	20	20	0	0%	10	10	\$31,998	Bachelor's degree
13-2082	Tax Preparers	70	80	10	14%	10	30	\$20,916	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	50	50	0	0%	10	10	NA	Bachelor's degree
15-0000	Computer and Mathematical Occupations	1,350	1,380	30	2%	170	240	\$53,411	NA
15-1000	<i>Computer Specialists</i>	1,280	1,320	40	3%	150	230	NA	NA
15-1021	Computer Programmers	120	100	-20	-17%	30	30	\$55,965	Bachelor's degree
15-1031	Computer Software Engineers, Applications	380	370	-10	-3%	40	40	NA	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	100	110	10	10%	10	20	\$61,242	Bachelor's degree
15-1041	Computer Support Specialists	230	240	10	4%	30	40	\$37,904	Associate degree
15-1051	Computer Systems Analysts	190	210	20	11%	20	40	\$59,123	Bachelor's degree
15-1061	Database Administrators	60	60	0	0%	10	10	\$49,424	Bachelor's degree
15-1071	Network and Computer Systems Administrators	110	130	20	18%	10	30	\$51,789	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	50	50	0	0%	10	10	\$61,755	Bachelor's degree
15-1099	Computer Specialists, All Other	40	40	0	0%	0	0	\$47,623	Postsecondary vocational training
15-2000	<i>Mathematical Scientists</i>	70	60	-10	-14%	20	20	NA	NA
15-2031	Operations Research Analysts	60	50	-10	-17%	10	10	NA	Master's degree
17-0000	Architecture and Engineering Occupations	3,040	2,950	-90	-3%	740	820	\$55,637	NA
17-1000	<i>Architects, Surveyors, and Cartographers</i>	110	120	10	9%	30	40	NA	NA
17-1011	Architects, Except Landscape and Naval	30	30	0	0%	0	10	\$51,168	Bachelor's degree
17-1022	Surveyors	70	80	10	14%	20	30	\$37,536	Bachelor's degree
17-2000	<i>Engineers</i>	1,660	1,640	-20	-1%	400	460	NA	NA
17-2031	Biomedical Engineers	20	30	10	50%	0	10	NA	Bachelor's degree
17-2051	Civil Engineers	90	90	0	0%	20	20	\$56,482	Bachelor's degree
17-2071	Electrical Engineers	110	120	10	9%	20	30	\$63,528	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	NA	Bachelor's degree
17-2081	Environmental Engineers	20	40	20	100%	0	20	\$71,642	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	40	40	0	0%	10	10	\$68,193	Bachelor's degree
17-2112	Industrial Engineers	450	470	20	4%	110	130	\$61,272	Bachelor's degree
17-2131	Materials Engineers	50	50	0	0%	10	20	\$61,944	Bachelor's degree
17-2141	Mechanical Engineers	700	630	-70	-10%	190	190	NA	Bachelor's degree
17-2199	Engineers, All Other	120	110	-10	-8%	20	20	NA	Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	1,270	1,200	-70	-6%	310	320	NA	NA
17-3011	Architectural and Civil Drafters	40	50	10	25%	10	10	\$31,321	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	20	20	0	0%	10	10	\$44,201	Postsecondary vocational training
17-3013	Mechanical Drafters	260	240	-20	-8%	70	70	\$44,667	Postsecondary vocational training
17-3022	Civil Engineering Technicians	40	30	-10	-25%	10	10	\$32,822	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	160	150	-10	-6%	30	30	\$47,221	Associate degree
17-3024	Electro-Mechanical Technicians	20	20	0	0%	10	10	NA	Associate degree
17-3026	Industrial Engineering Technicians	130	130	0	0%	30	30	\$44,801	Associate degree

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17-3027	Mechanical Engineering Technicians	340	300	-40	-12%	70	70	NA	Associate degree
17-3031	Surveying and Mapping Technicians	100	100	0	0%	40	40	\$29,871	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	140	150	10	7%	30	40	NA	NA
19-0000	Life, Physical, and Social Science Occupations	690	760	70	10%	170	270	\$44,808	NA
19-1000	Life Scientists	120	110	-10	-8%	30	40	NA	NA
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	0	NA	NA
19-1022	Microbiologists	40	50	10	25%	10	20	NA	Doctoral degree
19-1031	Conservation Scientists	20	20	0	0%	10	10	\$55,880	Bachelor's degree
19-2000	Physical Scientists	80	100	20	25%	20	40	NA	NA
19-2031	Chemists	60	70	10	17%	20	30	\$57,324	Bachelor's degree
19-3000	Social Scientists and Related Workers	250	280	30	12%	60	100	NA	NA
19-3021	Market Research Analysts	120	120	0	0%	30	30	\$50,782	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	100	130	30	30%	20	60	\$46,225	Master's degree
19-3051	Urban and Regional Planners	20	20	0	0%	10	10	\$40,302	Master's degree
19-4000	Life, Physical, and Social Science Technicians	240	270	30	13%	50	90	NA	NA
19-4021	Biological Technicians	80	90	10	13%	10	20	\$36,692	Associate degree
19-4031	Chemical Technicians	90	110	20	22%	20	40	\$36,451	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	20	30	10	50%	10	10	\$42,487	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	30	30	0	0%	10	10	\$31,247	Associate degree
21-0000	Community and Social Services Occupations	1,020	1,190	170	17%	200	370	\$33,960	NA
21-1000	Counselors, Social Workers, and Other Community and Social Service Sp	920	1,090	170	18%	180	340	NA	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	\$38,405	Master's degree
21-1012	Educational, Vocational, and School Counselors	170	200	30	18%	40	70	\$53,408	Master's degree
21-1013	Marriage and Family Therapists	20	30	10	50%	10	10	\$42,879	Master's degree
21-1014	Mental Health Counselors	50	50	0	0%	10	20	\$30,623	Master's degree
21-1015	Rehabilitation Counselors	20	30	10	50%	10	10	\$27,632	Master's degree
21-1021	Child, Family, and School Social Workers	300	300	0	0%	50	60	\$32,494	Bachelor's degree
21-1022	Medical and Public Health Social Workers	20	30	10	50%	0	10	\$38,118	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	NA	Master's degree
21-1091	Health Educators	40	40	0	0%	10	10	\$39,983	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	50	50	0	0%	10	10	\$31,366	Bachelor's degree
21-1093	Social and Human Service Assistants	180	260	80	44%	30	110	\$24,380	Moderate-term on-the-job training
21-9000	Miscellaneous Counselors, Social, & Religious Workers	90	90	0	0%	20	20	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	90	90	0	0%	20	20	NA	NA
23-0000	Legal Occupations	620	620	0	0%	70	90	\$41,434	NA
23-1000	Lawyers, Judges, and Related Workers	270	260	-10	-4%	40	40	NA	NA
23-1011	Lawyers	200	200	0	0%	30	30	\$62,557	First professional degree
23-1022	Arbitrators, Mediators, and Conciliators	30	30	0	0%	0	0	NA	Work experience plus bachelor's or higher degree
23-1023	Judges, Magistrate Judges, and Magistrates	40	40	0	0%	10	10	\$55,282	Work experience plus bachelor's or higher degree
23-2000	Legal Support Workers	330	340	10	3%	30	50	NA	NA
23-2011	Paralegals and Legal Assistants	190	210	20	11%	20	30	\$31,796	Associate degree
23-2091	Court Reporters	30	30	0	0%	0	0	\$26,142	Postsecondary vocational training
23-2092	Law Clerks	40	40	0	0%	0	0	\$22,140	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	70	60	-10	-14%	10	10	\$29,578	Moderate-term on-the-job training
25-0000	Education, Training, and Library Occupations	5,300	6,490	1,190	22%	1,100	2,300	\$37,931	NA
25-1000	Postsecondary Teachers	460	630	170	37%	110	280	NA	NA
25-1011	Business Teachers, Postsecondary	60	90	30	50%	10	40	NA	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	60	80	20	33%	10	40	NA	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	NA	Doctoral degree

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25-1032	Engineering Teachers, Postsecondary	30	30	0	0%	10	20	NA	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	NA	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	30	\$48,572	Master's degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	20	20	0	0%	0	10	NA	Doctoral degree
25-1122	Communications Teachers, Postsecondary	20	30	10	50%	0	10	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	50	70	20	40%	10	30	NA	Doctoral degree
25-2000	Primary, Secondary, and Special Education School Teachers	3,050	3,610	560	18%	680	1,240	NA	NA
25-2011	Preschool Teachers, Except Special Education	240	290	50	21%	30	80	\$19,153	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	140	180	40	29%	20	60	\$44,960	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	1,360	1,580	220	16%	300	520	\$47,195	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	310	350	40	13%	70	100	\$46,818	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	610	730	120	20%	170	290	\$45,718	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	80	80	0	0%	20	30	NA	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	180	240	60	33%	40	100	\$43,837	Bachelor's degree
25-2042	Special Education Teachers, Middle School	50	70	20	40%	10	30	\$46,294	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40	\$46,274	Bachelor's degree
25-3000	Other Teachers and Instructors	580	790	210	36%	70	280	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	50	60	10	20%	10	20	\$26,064	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	130	170	40	31%	20	60	\$26,335	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	410	560	150	37%	50	200	NA	NA
25-4000	Librarians, Curators, and Archivists	160	170	10	6%	40	60	NA	NA
25-4010	Archivists, Curators, and Museum Technicians	20	20	0	0%	0	0	NA	NA
25-4021	Librarians	100	100	0	0%	20	30	\$54,489	Master's degree
25-4031	Library Technicians	50	60	10	20%	20	30	\$20,174	Short-term on-the-job training
25-9000	Other Education, Training, and Library Occupations	1,050	1,280	230	22%	200	430	NA	NA
25-9031	Instructional Coordinators	30	30	0	0%	0	10	\$45,890	Master's degree
25-9041	Teacher Assistants	1,010	1,240	230	23%	200	420	\$18,489	Short-term on-the-job training
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	1,010	1,050	40	4%	210	280	\$30,684	NA
27-1000	Art and Design Workers	370	370	0	0%	50	70	NA	NA
27-1011	Art Directors	20	10	-10	-50%	0	0	NA	Work experience plus bachelor's or higher degree
27-1021	Commercial and Industrial Designers	120	120	0	0%	20	20	NA	Bachelor's degree
27-1023	Floral Designers	60	70	10	17%	10	10	\$19,689	Moderate-term on-the-job training
27-1024	Graphic Designers	50	50	0	0%	10	10	\$32,970	Bachelor's degree
27-1025	Interior Designers	20	20	0	0%	0	0	NA	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
27-1099	Art and Design Workers, All Other (OES Only)	60	60	0	0%	10	20	NA	NA
27-2000	Entertainers and Performers, Sports and Related Workers	160	170	10	6%	60	70	NA	NA
27-2022	Coaches and Scouts	20	30	10	50%	0	10	\$24,533	Long-term on-the-job training
27-2031	Dancers	40	40	0	0%	20	20	NA	Long-term on-the-job training
27-2032	Choreographers	30	40	10	33%	20	20	NA	Work experience in a related occupation
27-2042	Musicians and Singers	60	50	-10	-17%	10	10	NA	Long-term on-the-job training
27-3000	Media and Communication Workers	390	410	20	5%	80	110	NA	NA
27-3010	Announcers	90	80	-10	-11%	20	20	NA	NA
27-3020	News Analysts, Reporters and Correspondents	60	60	0	0%	20	20	NA	NA
27-3031	Public Relations Specialists	140	160	20	14%	20	40	\$38,519	Bachelor's degree
27-3041	Editors	40	40	0	0%	10	10	NA	Bachelor's degree
27-3042	Technical Writers	30	30	0	0%	10	10	NA	Bachelor's degree
27-3043	Writers and Authors	30	30	0	0%	10	10	NA	Bachelor's degree
27-4000	Media and Communication Equipment Workers	90	110	20	22%	20	40	NA	NA
27-4021	Photographers	80	90	10	13%	20	30	NA	Long-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	6,120	7,160	1,040	17%	1,150	2,280	\$48,193	NA

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29-1000	Health Diagnosing and Treating Practitioners	3,150	3,800	650	21%	640	1,290	NA NA	
29-1011	Chiropractors	50	50	0	0%	10	10	\$117,034	First professional degree
29-1020	Dentists	150	150	0	0%	20	30	NA NA	
29-1031	Dietitians and Nutritionists	40	40	0	0%	10	10	\$43,177	Bachelor's degree
29-1041	Optometrists	40	40	0	0%	10	10	NA	First professional degree
29-1051	Pharmacists	190	220	30	16%	40	60	\$75,455	First professional degree
29-1062	Family and General Practitioners	160	200	40	25%	20	60	\$173,920	First professional degree
29-1063	Internists, General	40	50	10	25%	10	20	\$138,314	First professional degree
29-1065	Pediatricians, General	20	20	0	0%	0	10	\$163,039	First professional degree
29-1066	Psychiatrists	50	60	10	20%	10	20	NA	First professional degree
29-1067	Surgeons	40	50	10	25%	10	20	NA	First professional degree
29-1071	Physician Assistants	40	70	30	75%	10	30	NA	Bachelor's degree
29-1111	Registered Nurses	1,600	1,970	370	23%	340	710	\$49,121	Associate degree
29-1121	Audiologists	20	20	0	0%	0	10	NA	Master's degree
29-1122	Occupational Therapists	60	70	10	17%	10	20	\$51,358	Bachelor's degree
29-1123	Physical Therapists	160	170	10	6%	20	30	\$48,460	Master's degree
29-1124	Radiation Therapists	20	30	10	50%	0	10	NA	Associate degree
29-1125	Recreational Therapists	20	20	0	0%	10	10	NA	Bachelor's degree
29-1126	Respiratory Therapists	200	260	60	30%	60	130	\$44,717	Associate degree
29-1127	Speech-Language Pathologists	140	170	30	21%	30	70	\$66,656	Master's degree
29-1131	Veterinarians	40	50	10	25%	10	20	NA	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	60	60	0	0%	10	20	NA	First professional degree
29-2000	Health Technologists and Technicians	2,900	3,270	370	13%	500	960	NA NA	
29-2011	Medical and Clinical Laboratory Technologists	100	110	10	10%	30	40	\$45,460	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	50	60	10	20%	10	20	\$35,222	Associate degree
29-2021	Dental Hygienists	210	300	90	43%	20	100	NA	Associate degree
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	\$33,079	Associate degree
29-2032	Diagnostic Medical Sonographers	20	20	0	0%	0	10	NA	Associate degree
29-2033	Nuclear Medicine Technologists	20	20	0	0%	0	10	\$45,264	NA
29-2034	Radiologic Technologists and Technicians	170	200	30	18%	30	60	\$41,127	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	200	220	20	10%	20	50	\$24,050	Postsecondary vocational training
29-2052	Pharmacy Technicians	200	230	30	15%	30	60	\$22,842	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	430	330	-100	-23%	60	60	NA	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	\$38,368	Postsecondary vocational training
29-2055	Surgical Technologists	70	80	10	14%	10	30	NA	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	\$26,042	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	1,080	1,210	130	12%	240	370	\$30,969	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	200	280	80	40%	30	110	\$25,873	Associate degree
29-2081	Opticians, Dispensing	80	90	10	13%	10	20	\$21,729	Long-term on-the-job training
29-9000	Other Healthcare Practitioners and Technical Occupations	30	40	10	33%	10	10	NA NA	
29-9010	Occupational Health and Safety Specialists and Technicians	30	30	0	0%	10	10	NA NA	
29-9100	Other Health Practitioners And Technical Workers	40	50	10	25%	10	20	NA NA	
29-9199	Health Professionals and Technicians, All Other (OES Only)	40	50	10	25%	10	20	NA NA	
31-0000	Healthcare Support Occupations	2,840	3,560	720	25%	440	1,160	\$22,065	NA
31-1000	Nursing, Psychiatric, and Home Health Aides	1,880	2,250	370	20%	250	620	NA NA	
31-1011	Home Health Aides	460	620	160	35%	60	230	\$19,735	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	1,260	1,450	190	15%	170	360	\$19,827	Short-term on-the-job training
31-1013	Psychiatric Aides	160	180	20	13%	20	40	NA	Short-term on-the-job training
31-2000	Occupational and Physical Therapist Assistants and Aides	80	100	20	25%	10	40	NA NA	
31-2021	Physical Therapist Assistants	50	60	10	20%	10	20	\$39,173	Associate degree
31-2022	Physical Therapist Aides	20	20	0	0%	0	10	\$24,060	Short-term on-the-job training
31-9000	Other Healthcare Support Occupations	880	1,210	330	38%	180	510	NA NA	
31-9011	Massage Therapists	40	50	10	25%	10	20	\$25,575	Postsecondary vocational training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
31-9091	Dental Assistants	190	270	80	42%	50	130	\$26,808	Moderate-term on-the-job training
31-9092	Medical Assistants	250	410	160	64%	50	210	\$28,828	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	50	60	10	20%	10	20	\$22,106	Short-term on-the-job training
31-9094	Medical Transcriptionists	100	120	20	20%	20	40	\$28,027	Postsecondary vocational training
31-9095	Pharmacy Aides	50	50	0	0%	10	10	\$19,965	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	90	110	20	22%	20	40	\$15,064	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	110	140	30	27%	20	40	\$21,386	Short-term on-the-job training
33-0000	Protective Service Occupations	2,200	2,480	280	13%	630	920	\$27,885	NA
33-1000	First-Line Supervisors/Managers, Protective Service Workers	210	220	10	5%	70	90	NA	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	40	0	0%	10	10	\$32,973	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	90	90	0	0%	30	30	\$45,895	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	50	50	0	0%	20	30	NA	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	40	50	10	25%	10	20	\$34,647	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers	350	400	50	14%	100	160	NA	NA
33-2011	Fire Fighters	340	390	50	15%	100	150	\$27,689	Long-term on-the-job training
33-3000	Law Enforcement Workers	740	820	80	11%	180	260	NA	NA
33-3011	Bailiffs	20	20	0	0%	0	0	\$25,470	NA
33-3012	Correctional Officers and Jailers	230	240	10	4%	50	60	\$24,900	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	40	40	0	0%	10	10	\$37,767	Work experience in a related occupation
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	NA	Long-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	440	510	70	16%	110	190	\$35,048	Long-term on-the-job training
33-9000	Other Protective Service Workers	900	1,030	130	14%	280	410	NA	NA
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	NA	Work experience in a related occupation
33-9031	Gaming Surveillance Officers and Gaming Investigators	60	80	20	33%	10	30	\$28,597	Moderate-term on-the-job training
33-9032	Security Guards	610	680	70	11%	130	210	\$23,433	Short-term on-the-job training
33-9091	Crossing Guards	50	50	0	0%	20	20	NA	NA
33-9099	Protective Service Workers, All Other	160	190	30	19%	110	140	NA	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	10,740	11,880	1,140	11%	4,260	5,480	\$16,897	NA
35-1000	Supervisors, Food Preparation and Serving Workers	980	1,060	80	8%	240	320	NA	NA
35-1011	Chefs and Head Cooks	110	130	20	18%	30	50	\$25,583	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	870	940	70	8%	210	270	\$26,239	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	3,130	3,340	210	7%	1,020	1,290	NA	NA
35-2011	Cooks, Fast Food	320	310	-10	-3%	100	100	\$15,203	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	670	630	-40	-6%	210	210	\$19,302	Long-term on-the-job training
35-2014	Cooks, Restaurant	800	930	130	16%	250	380	\$20,479	Long-term on-the-job training
35-2015	Cooks, Short Order	280	280	0	0%	90	90	\$15,287	Short-term on-the-job training
35-2021	Food Preparation Workers	1,050	1,190	140	13%	370	520	\$16,155	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	5,610	6,310	700	12%	2,670	3,380	NA	NA
35-3011	Bartenders	430	440	10	2%	170	180	\$14,191	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,400	2,710	310	13%	1,040	1,350	\$15,046	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	420	60	17%	230	300	NA	Short-term on-the-job training
35-3031	Waiters and Waitresses	2,320	2,640	320	14%	1,190	1,520	\$15,284	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	110	100	-10	-9%	40	40	\$16,060	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	1,020	1,170	150	15%	340	480	NA	NA
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	310	360	50	16%	100	150	\$14,499	Short-term on-the-job training
35-9021	Dishwashers	470	520	50	11%	160	210	\$14,393	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	230	280	50	22%	70	120	\$16,471	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	20	20	0	0%	10	10	NA	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	4,710	5,130	420	9%	950	1,370	\$20,907	NA
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	330	360	30	9%	60	90	NA	NA

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	220	240	20	9%	50	70	\$29,956	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	110	120	10	9%	10	30	\$35,854	Work experience in a related occupation
37-2000	Building Cleaning and Pest Control Workers	3,580	3,870	290	8%	710	1,010	NA	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,870	2,060	190	10%	360	550	\$21,626	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	1,680	1,790	110	7%	350	460	\$17,547	Short-term on-the-job training
37-2021	Pest Control Workers	20	20	0	0%	0	0	\$26,199	Moderate-term on-the-job training
37-3000	Grounds Maintenance Workers	810	900	90	11%	180	270	NA	NA
37-3011	Landscaping and Groundskeeping Workers	780	870	90	12%	170	260	\$19,447	Short-term on-the-job training
39-0000	Personal Care and Service Occupations	3,840	4,660	820	21%	970	1,790	\$19,822	NA
39-1000	Supervisors, Personal Care and Service Workers	670	790	120	18%	150	270	NA	NA
39-1011	Gaming Supervisors	330	420	90	27%	70	160	NA	Postsecondary vocational training
39-1012	Slot Key Persons	120	150	30	25%	30	60	NA	Postsecondary vocational training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	210	-10	-5%	60	60	\$28,852	Work experience in a related occupation
39-2000	Animal Care and Service Workers	60	70	10	17%	20	20	NA	NA
39-2021	Nonfarm Animal Caretakers	50	60	10	20%	10	20	NA	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	970	1,270	300	31%	340	640	NA	NA
39-3011	Gaming Dealers	710	970	260	37%	220	480	NA	Postsecondary vocational training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	150	20	15%	80	90	\$16,092	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	60	80	20	33%	20	40	\$15,320	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	\$19,614	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	30	40	10	33%	10	10	NA	NA
39-4000	Funeral Service Workers	90	120	30	33%	20	50	NA	NA
39-4011	Embalmers	20	30	10	50%	0	10	NA	NA
39-4021	Funeral Attendants	70	90	20	29%	10	40	\$18,776	Short-term on-the-job training
39-5000	Personal Appearance Workers	650	740	90	14%	120	220	NA	NA
39-5012	Hairdressers, Hairstylists, and Cosmetologists	630	720	90	14%	120	210	\$21,839	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants	20	20	0	0%	10	10	NA	NA
39-6021	Tour Guides and Escorts	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
39-9000	Other Personal Care and Service Workers	1,390	1,660	270	19%	320	590	NA	NA
39-9011	Child Care Workers	600	650	50	8%	160	210	\$16,566	Short-term on-the-job training
39-9021	Personal and Home Care Aides	390	540	150	38%	60	210	\$19,456	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	110	150	40	36%	20	70	NA	Postsecondary vocational training
39-9032	Recreation Workers	190	220	30	16%	40	70	\$19,166	Bachelor's degree
39-9099	Personal Care and Service Workers, All Other	100	110	10	10%	20	30	NA	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	10,940	10,970	30	0%	3,770	4,040	\$26,530	NA
41-1000	Supervisors, Sales Workers	1,830	1,770	-60	-3%	330	340	NA	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,540	1,480	-60	-4%	280	280	\$34,007	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	290	290	0	0%	50	60	\$56,707	Work experience in a related occupation
41-2000	Retail Sales Workers	7,130	7,100	-30	0%	2,970	3,110	NA	NA
41-2011	Cashiers	2,990	2,900	-90	-3%	1,450	1,450	\$16,611	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	210	290	80	38%	100	180	NA	Short-term on-the-job training
41-2021	Counter and Rental Clerks	420	470	50	12%	160	220	\$19,327	Short-term on-the-job training
41-2022	Parts Salespersons	260	240	-20	-8%	70	70	\$24,748	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,250	3,200	-50	-2%	1,180	1,180	\$20,262	Short-term on-the-job training
41-3000	Sales Representatives, Services	430	460	30	7%	90	130	NA	NA
41-3011	Advertising Sales Agents	70	80	10	14%	10	20	\$28,242	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	290	320	30	10%	70	100	\$67,546	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	40	-10	-20%	10	10	\$99,923	Bachelor's degree

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
41-3041	Travel Agents	20	20	0	0%	0	10	\$20,882	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	1,020	1,080	60	6%	270	330	NA	NA
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	250	270	20	8%	70	90	\$58,301	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	770	810	40	5%	200	240	\$46,994	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	540	570	30	6%	110	150	NA	NA
41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	\$22,632	Moderate-term on-the-job training
41-9021	Real Estate Brokers	130	140	10	8%	30	40	NA	Work experience in a related occupation
41-9022	Real Estate Sales Agents	140	140	0	0%	30	30	\$23,806	Postsecondary vocational training
41-9031	Sales Engineers	30	30	0	0%	10	10	\$54,722	Bachelor's degree
41-9041	Telemarketers	80	80	0	0%	10	20	\$19,171	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	30	30	0	0%	10	10	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	90	100	10	11%	20	30	NA	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	18,450	18,040	-410	-2%	4,500	5,190	\$26,492	NA
43-1000	Supervisors, Office and Administrative Support Workers	1,250	1,170	-80	-6%	270	270	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wor	1,250	1,170	-80	-6%	270	270	\$37,408	Work experience in a related occupation
43-2000	Communications Equipment Operators	210	190	-20	-10%	50	50	NA	NA
43-2011	Switchboard Operators, Including Answering Service	210	190	-20	-10%	50	50	\$20,689	Short-term on-the-job training
43-3000	Financial Clerks	3,580	3,670	90	3%	990	1,190	NA	NA
43-3011	Bill and Account Collectors	150	180	30	20%	30	60	\$27,044	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	380	370	-10	-3%	60	60	\$25,647	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,730	1,650	-80	-5%	320	320	\$25,335	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	490	600	110	22%	240	350	NA	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	250	230	-20	-8%	70	70	\$29,370	Short-term on-the-job training
43-3061	Procurement Clerks	60	50	-10	-17%	20	20	\$28,861	Short-term on-the-job training
43-3071	Tellers	520	580	60	12%	260	320	\$18,611	Short-term on-the-job training
43-4000	Information and Record Clerks	3,170	3,440	270	9%	710	1,070	NA	NA
43-4011	Brokerage Clerks	20	20	0	0%	0	0	\$28,613	Moderate-term on-the-job training
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	\$23,792	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	40	30	-10	-25%	10	10	NA	Short-term on-the-job training
43-4051	Customer Service Representatives	1,050	1,090	40	4%	160	200	\$30,022	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	NA	Moderate-term on-the-job training
43-4071	File Clerks	120	110	-10	-8%	40	40	\$21,173	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	220	250	30	14%	100	120	\$15,243	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	30	\$23,009	Short-term on-the-job training
43-4121	Library Assistants, Clerical	60	70	10	17%	20	40	NA	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	110	100	-10	-9%	20	20	\$27,997	Short-term on-the-job training
43-4141	New Accounts Clerks	80	90	10	13%	20	30	\$24,714	Work experience in a related occupation
43-4151	Order Clerks	140	110	-30	-21%	30	30	\$24,808	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	160	170	10	6%	30	50	\$30,153	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	750	920	170	23%	180	350	\$21,109	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	130	200	70	54%	30	100	\$19,832	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	120	120	0	0%	20	20	NA	NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	4,300	4,000	-300	-7%	1,270	1,350	NA	NA
43-5011	Cargo and Freight Agents	20	30	10	50%	10	10	\$46,300	Moderate-term on-the-job training
43-5021	Couriers and Messengers	90	80	-10	-11%	20	20	\$20,303	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	\$26,016	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	110	140	30	27%	20	50	\$36,510	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	120	100	-20	-17%	40	40	\$30,028	NA
43-5051	Postal Service Clerks	60	60	0	0%	20	20	\$42,871	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	410	410	0	0%	130	130	\$40,863	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operatc	100	90	-10	-10%	30	30	\$34,345	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	380	410	30	8%	90	120	\$38,955	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	1,020	940	-80	-8%	210	210	\$25,928	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,800	1,520	-280	-16%	660	660	\$24,533	Short-term on-the-job training

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43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	100	110	10	10%	30	30	\$29,217	Short-term on-the-job training
43-6000	<i>Secretaries and Administrative Assistants</i>	3,260	3,090	-170	-5%	620	660	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	1,260	1,160	-100	-8%	240	240	\$31,904	Moderate-term on-the-job training
43-6012	Legal Secretaries	70	70	0	0%	10	10	\$27,407	Postsecondary vocational training
43-6013	Medical Secretaries	330	360	30	9%	60	100	\$24,750	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,600	1,490	-110	-7%	310	310	\$23,144	Moderate-term on-the-job training
43-9000	<i>Other Office and Administrative Support Workers</i>	2,680	2,490	-190	-7%	590	600	NA	NA
43-9011	Computer Operators	200	130	-70	-35%	40	40	\$29,483	Moderate-term on-the-job training
43-9021	Data Entry Keyers	200	150	-50	-25%	50	50	\$21,188	Moderate-term on-the-job training
43-9022	Word Processors and Typists	30	20	-10	-33%	10	10	\$23,511	Moderate-term on-the-job training
43-9031	Desktop Publishers	30	30	0	0%	10	10	\$32,837	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	190	190	0	0%	30	40	\$25,786	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	50	40	-10	-20%	20	20	\$22,070	Short-term on-the-job training
43-9061	Office Clerks, General	1,760	1,740	-20	-1%	390	390	\$21,337	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	80	70	-10	-13%	20	20	\$23,135	Short-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	130	100	-30	-23%	30	30	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	850	950	100	12%	230	330	\$26,769	NA
45-1000	<i>Supervisors, Farming, Fishing, and Forestry Workers</i>	40	50	10	25%	10	20	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	NA	Work experience in a related occupation
45-2000	<i>Agricultural Workers</i>	680	750	70	10%	190	260	NA	NA
45-2041	Graders and Sorters, Agricultural Products	20	20	0	0%	10	10	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	50	60	10	20%	20	20	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	550	610	60	11%	160	210	\$20,958	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	NA	Moderate-term on-the-job training
45-4000	<i>Forest, Conservation, and Logging Workers</i>	50	50	0	0%	10	10	NA	NA
45-4022	Logging Equipment Operators	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
45-9000	<i>Other Farming, Fishing, and Forestry Workers</i>	80	100	20	25%	20	40	NA	NA
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	80	100	20	25%	20	40	NA	NA
47-0000	Construction and Extraction Occupations	6,380	6,780	400	6%	1,310	1,740	\$34,170	NA
47-1000	<i>Supervisors, Construction and Extraction Workers</i>	700	750	50	7%	120	170	NA	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	700	750	50	7%	120	170	\$45,402	Work experience in a related occupation
47-2000	<i>Construction Trades Workers</i>	4,510	4,830	320	7%	830	1,160	NA	NA
47-2021	Brickmasons and Blockmasons	170	180	10	6%	30	40	\$39,913	Long-term on-the-job training
47-2022	Stonemasons	20	20	0	0%	0	0	NA	Long-term on-the-job training
47-2031	Carpenters	1,030	1,050	20	2%	170	180	\$33,411	Long-term on-the-job training
47-2041	Carpet Installers	40	40	0	0%	10	10	\$33,654	Moderate-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	190	220	30	16%	40	70	\$36,128	Long-term on-the-job training
47-2061	Construction Laborers	710	770	60	8%	100	150	\$30,391	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	140	150	10	7%	20	40	\$36,880	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	330	380	50	15%	90	130	\$38,107	Moderate-term on-the-job training
47-2082	Tapers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
47-2111	Electricians	820	900	80	10%	160	240	\$40,346	Long-term on-the-job training
47-2121	Glaziers	60	70	10	17%	10	20	\$28,174	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	140	140	0	0%	20	20	\$28,751	Moderate-term on-the-job training
47-2151	Pipelayers	110	120	10	9%	20	40	\$34,245	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	360	390	30	8%	80	110	\$37,358	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	20	30	10	50%	10	10	NA	Long-term on-the-job training
47-2181	Roofers	170	180	10	6%	40	50	\$32,574	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	90	100	10	11%	20	30	\$39,492	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	60	70	10	17%	10	20	NA	Long-term on-the-job training

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47-3000	Helpers, Construction Trades	630	640	10	2%	260	280	NA NA	
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	140	140	0	0%	60	60	\$27,214	Short-term on-the-job training
47-3012	Helpers--Carpenters	280	290	10	4%	120	120	NA	Short-term on-the-job training
47-3013	Helpers--Electricians	30	30	0	0%	10	10	NA	Short-term on-the-job training
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	NA	Short-term on-the-job training
47-3016	Helpers--Roofers	80	80	0	0%	30	40	\$23,525	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	70	70	0	0%	30	30	NA	Short-term on-the-job training
47-4000	Other Construction and Related Workers	510	520	10	2%	90	120	NA NA	
47-4011	Construction and Building Inspectors	40	50	10	25%	10	10	\$31,751	Work experience in a related occupation
47-4041	Hazardous Materials Removal Workers	100	130	30	30%	30	50	NA	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	350	330	-20	-6%	50	50	\$25,764	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
47-4900	All Other Construction Trades and Related Workers	20	20	0	0%	0	0	NA NA	
47-4999	Construction Trades and Related Workers, All Other (OES Only)	20	20	0	0%	0	0	NA NA	
47-5000	Extraction Workers	30	30	0	0%	10	10	NA NA	
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	5,750	6,270	520	9%	1,310	1,870	\$35,953	NA
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	470	520	50	11%	120	170	NA NA	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	520	50	11%	120	170	\$47,400	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	340	340	0	0%	60	80	NA NA	
49-2011	Computer, Automated Teller, and Office Machine Repairers	90	100	10	11%	10	20	\$28,511	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	100	90	-10	-10%	20	20	\$48,613	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	40	40	0	0%	10	10	NA	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	30	30	0	0%	10	10	\$39,923	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	40	0	0%	10	10	\$49,043	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	20	-10	-33%	10	10	NA	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	1,590	1,740	150	9%	420	590	NA NA	
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	\$31,854	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	80	80	0	0%	20	20	NA	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	610	650	40	7%	160	210	\$30,846	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	400	510	110	28%	100	210	\$33,073	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	30	40	10	33%	10	10	\$24,307	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	10	\$27,684	Postsecondary vocational training
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	\$28,123	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	\$22,964	Moderate-term on-the-job training
49-3093	Tire Repairers and Changers	150	150	0	0%	60	70	\$25,744	Short-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations	3,350	3,670	320	10%	710	1,030	NA NA	
49-9011	Mechanical Door Repairers	90	110	20	22%	20	40	NA	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	20	20	0	0%	10	10	\$47,843	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	140	170	30	21%	20	40	NA	Long-term on-the-job training
49-9031	Home Appliance Repairers	30	20	-10	-33%	10	10	\$28,679	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	510	550	40	8%	100	140	\$42,691	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,840	2,050	210	11%	350	560	\$33,134	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	\$32,542	Long-term on-the-job training
49-9044	Millwrights	130	130	0	0%	30	30	\$44,425	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	180	180	0	0%	60	60	\$58,723	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	90	100	10	11%	30	30	\$40,433	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	30	\$39,649	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	110	120	10	9%	40	50	\$23,875	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	40	40	0	0%	10	10	\$28,497	Long-term on-the-job training
51-0000	Production Occupations	27,640	27,730	90	0%	6,740	7,840	\$30,203	NA
51-1000	Supervisors, Production Workers	1,750	1,930	180	10%	370	540	NA NA	

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51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,750	1,930	180	10%	370	540	\$45,885	Work experience in a related occupation
51-2000	<i>Assemblers and Fabricators</i>	7,020	6,390	-630	-9%	1,820	1,860	NA	NA
51-2021	Coil Winders, Tapers, and Finishers	40	40	0	0%	10	10	NA	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	90	100	10	11%	20	30	\$24,967	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	20	30	10	50%	0	20	\$22,841	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	370	360	-10	-3%	100	100	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	170	150	-20	-12%	40	40	NA	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	NA	Moderate-term on-the-job training
51-2092	Team Assemblers	5,560	4,940	-620	-11%	1,440	1,440	\$30,807	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	700	710	10	1%	180	190	\$30,976	Moderate-term on-the-job training
51-3000	<i>Food Processing Workers</i>	710	740	30	4%	170	210	NA	NA
51-3011	Bakers	290	300	10	3%	70	70	NA	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	140	120	-20	-14%	30	30	\$23,783	Long-term on-the-job training
51-3023	Slaughterers and Meat Packers	120	130	10	8%	30	40	NA	Moderate-term on-the-job training
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and	40	50	10	25%	10	20	NA	Short-term on-the-job training
51-3092	Food Batchmakers	70	80	10	14%	20	30	\$23,832	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	NA	Short-term on-the-job training
51-3099	Food Processing Workers, All Other (OES Only)	20	30	10	50%	10	10	NA	NA
51-4000	<i>Metal Workers and Plastic Workers</i>	9,570	9,660	90	1%	2,240	2,490	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,060	1,110	50	5%	180	220	\$29,978	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	80	90	10	13%	10	20	NA	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and	400	400	0	0%	130	140	\$29,256	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	190	210	20	11%	30	50	\$26,685	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	150	140	-10	-7%	30	30	NA	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal	1,300	1,330	30	2%	300	340	\$29,405	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and	230	210	-20	-9%	70	70	\$32,076	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators	480	460	-20	-4%	90	90	\$29,791	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and	520	510	-10	-2%	100	100	\$29,248	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and	140	140	0	0%	30	30	\$30,128	Moderate-term on-the-job training
51-4041	Machinists	1,080	1,130	50	5%	250	300	\$31,556	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	40	30	-10	-25%	10	10	NA	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal	130	110	-20	-15%	30	30	NA	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	20	10	-10	-50%	10	10	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders	1,180	1,180	0	0%	300	300	NA	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	720	740	20	3%	200	220	NA	Moderate-term on-the-job training
51-4111	Tool and Die Makers	490	460	-30	-6%	110	110	\$33,362	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	430	500	70	16%	120	190	\$31,261	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	410	400	-10	-2%	120	120	\$29,732	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	140	140	0	0%	40	40	\$27,218	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	40	30	-10	-25%	10	10	\$50,346	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and	210	200	-10	-5%	50	50	\$32,631	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	70	50	-20	-29%	20	20	\$32,310	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	60	60	0	0%	20	20	NA	Moderate-term on-the-job training
51-5000	<i>Printing Workers</i>	370	350	-20	-5%	90	90	NA	NA
51-5011	Bindery Workers	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
51-5021	Job Printers	20	20	0	0%	10	10	\$29,479	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	90	80	-10	-11%	20	20	\$27,849	Long-term on-the-job training
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	\$32,560	Moderate-term on-the-job training
51-6000	<i>Textile, Apparel, and Furnishings Workers</i>	650	640	-10	-2%	150	160	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	180	170	-10	-6%	50	50	\$18,585	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	20	20	0	0%	0	0	\$17,814	Short-term on-the-job training
51-6031	Sewing Machine Operators	270	260	-10	-4%	30	30	NA	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic	60	70	10	17%	10	20	NA	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	110	120	10	9%	50	60	NA	Long-term on-the-job training
51-7000	<i>Woodworkers</i>	620	580	-40	-6%	160	160	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	260	250	-10	-4%	70	70	NA	Long-term on-the-job training

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51-7021	Furniture Finishers	70	60	-10	-14%	10	10	NA	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	NA	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	140	130	-10	-7%	40	40	\$23,381	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	30	20	-10	-33%	10	10	NA	Moderate-term on-the-job training
51-8000	<i>Plant and System Operators</i>	370	390	20	5%	110	130	NA	NA
51-8012	Power Distributors and Dispatchers	30	30	0	0%	10	10	\$42,177	Long-term on-the-job training
51-8013	Power Plant Operators	120	120	0	0%	30	30	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	50	40	-10	-20%	10	10	\$32,572	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	150	180	30	20%	50	80	\$29,810	Long-term on-the-job training
51-9000	<i>Other Production Occupations</i>	6,580	7,060	480	7%	1,650	2,200	NA	NA
51-9011	Chemical Equipment Operators and Tenders	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	190	220	30	16%	60	80	NA	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tende	180	180	0	0%	50	50	NA	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	120	140	20	17%	30	50	NA	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	\$32,594	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	20	20	0	0%	0	0	\$24,209	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	70	0	0%	10	20	NA	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	60	60	0	0%	20	20	\$24,074	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30	20	-10	-33%	10	10	\$30,203	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,230	1,260	30	2%	280	310	\$28,995	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	0	NA	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	220	220	0	0%	50	50	NA	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	580	650	70	12%	110	190	\$28,569	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	450	520	70	16%	120	180	\$25,623	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	60	60	0	0%	20	20	NA	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	20	40	20	100%	10	20	NA	Short-term on-the-job training
51-9131	Photographic Process Workers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	NA	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	170	140	-30	-18%	50	50	\$24,318	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	60	70	10	17%	20	20	\$31,567	Moderate-term on-the-job training
51-9194	Etchers and Engravers	50	60	10	20%	20	20	NA	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	60	70	10	17%	20	20	\$31,368	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	250	230	-20	-8%	50	50	\$25,686	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	1,850	2,020	170	9%	520	680	\$21,206	Short-term on-the-job training
51-9199	Production Workers, All Other	610	750	140	23%	150	290	\$23,565	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	12,830	14,400	1,570	12%	2,750	4,590	\$27,936	NA
53-1000	<i>Supervisors, Transportation and Material Moving Workers</i>	520	540	20	4%	120	160	NA	NA
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	280	270	-10	-4%	70	70	\$35,132	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	240	280	40	17%	60	90	\$51,342	Work experience in a related occupation
53-2000	<i>Air Transportation Workers</i>	40	30	-10	-25%	10	10	NA	NA
53-2012	Commercial Pilots	30	30	0	0%	10	10	\$36,373	Postsecondary vocational training
53-3000	<i>Motor Vehicle Operators</i>	5,380	6,880	1,500	28%	850	2,380	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	30	20	-10	-33%	0	0	NA	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	40	40	0	0%	10	20	\$19,417	Moderate-term on-the-job training
53-3022	Bus Drivers, School	770	890	120	16%	170	290	\$21,402	Short-term on-the-job training
53-3031	Driver/Sales Workers	170	150	-20	-12%	30	30	\$30,414	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,310	4,600	1,290	39%	540	1,830	\$35,296	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	960	1,060	100	10%	90	190	\$25,128	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	60	70	10	17%	10	10	\$15,346	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	40	40	0	0%	10	10	NA	Short-term on-the-job training
53-5000	<i>Water Transportation Workers</i>	60	80	20	33%	20	40	NA	NA
53-5021	Captains, Mates, and Pilots of Water Vessels	60	80	20	33%	20	40	NA	Work experience in a related occupation
53-6000	<i>Other Transportation Workers</i>	190	210	20	11%	70	90	NA	NA
53-6021	Parking Lot Attendants	80	90	10	13%	20	30	NA	Short-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
53-6031	Service Station Attendants	60	60	0	0%	30	30	\$17,791	Short-term on-the-job training
53-6051	Transportation Inspectors	20	10	-10	-50%	0	0	NA	Work experience in a related occupation
53-6099	Transportation Workers, All Other	40	50	10	25%	10	30	NA	Short-term on-the-job training
53-7000	Material Moving Workers	6,650	6,660	10	0%	1,690	1,930	NA	NA
53-7011	Conveyor Operators and Tenders	80	90	10	13%	20	30	\$31,138	Short-term on-the-job training
53-7021	Crane and Tower Operators	130	140	10	8%	30	40	\$41,441	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	70	70	0	0%	20	20	\$32,183	Moderate-term on-the-job training
53-7033	Loading Machine Operators, Underground Mining	30	30	0	0%	10	10	NA	Short-term on-the-job training
53-7041	Hoist and Winch Operators	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	1,450	1,420	-30	-2%	270	270	\$29,390	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	360	370	10	3%	130	140	\$23,136	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,070	-160	-7%	730	730	\$22,708	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	490	460	-30	-6%	130	130	\$24,979	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	1,700	1,920	220	13%	320	530	\$20,327	Short-term on-the-job training
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	40	40	0	0%	10	10	\$22,977	Short-term on-the-job training
53-7199	Material Moving Workers, All Other	30	30	0	0%	10	10	NA	Short-term on-the-job training

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 09

Education Requirement ³

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²
00-0000	Total, All Occupations	137,670	146,150	8,480	6%	33,800	45,740	\$32,114
First professional degree								
23-1011	Lawyers	200	200	0	0%	30	30	\$62,557
29-1011	Chiropractors	50	50	0	0%	10	10	\$117,034
29-1041	Optometrists	40	40	0	0%	10	10	NA
29-1051	Pharmacists	190	220	30	16%	40	60	\$75,455
29-1062	Family and General Practitioners	160	200	40	25%	20	60	\$173,920
29-1063	Internists, General	40	50	10	25%	10	20	\$138,314
29-1065	Pediatricians, General	20	20	0	0%	0	10	\$163,039
29-1066	Psychiatrists	50	60	10	20%	10	20	NA
29-1067	Surgeons	40	50	10	25%	10	20	NA
29-1131	Veterinarians	40	50	10	25%	10	20	NA
29-1199	Health Diagnosing and Treating Practitioners, All Other	60	60	0	0%	10	20	NA
Doctoral degree								
25-1011	Business Teachers, Postsecondary	60	90	30	50%	10	40	NA
25-1021	Computer Science Teachers, Postsecondary	60	80	20	33%	10	40	NA
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	NA
25-1032	Engineering Teachers, Postsecondary	30	30	0	0%	10	20	NA
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	NA
25-1121	Art, Drama, and Music Teachers, Postsecondary	20	20	0	0%	0	10	NA
25-1122	Communications Teachers, Postsecondary	20	30	10	50%	0	10	NA
25-1123	English Language and Literature Teachers, Postsecondary	50	70	20	40%	10	30	NA
Master's degree								
15-2031	Operations Research Analysts	60	50	-10	-17%	10	10	NA
19-3031	Clinical, Counseling, and School Psychologists	100	130	30	30%	20	60	\$46,225
19-3051	Urban and Regional Planners	20	20	0	0%	10	10	\$40,302
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	\$38,405
21-1012	Educational, Vocational, and School Counselors	170	200	30	18%	40	70	\$53,408
21-1013	Marriage and Family Therapists	20	30	10	50%	10	10	\$42,879
21-1014	Mental Health Counselors	50	50	0	0%	10	20	\$30,623
21-1015	Rehabilitation Counselors	20	30	10	50%	10	10	\$27,632
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	NA
21-1091	Health Educators	40	40	0	0%	10	10	\$39,983
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	30	\$48,572
25-4021	Librarians	100	100	0	0%	20	30	\$54,489
25-9031	Instructional Coordinators	30	30	0	0%	0	10	\$45,890
29-1121	Audiologists	20	20	0	0%	0	10	NA
29-1123	Physical Therapists	160	170	10	6%	20	30	\$48,460
29-1127	Speech-Language Pathologists	140	170	30	21%	30	70	\$66,656
Work experience plus bachelor's or higher degree								
11-1011	Chief Executives	610	600	-10	-2%	120	120	\$128,739
11-1021	General and Operations Managers	1,900	2,040	140	7%	360	500	\$81,199
11-2011	Advertising and Promotions Managers	70	70	0	0%	10	10	\$57,515
11-2021	Marketing Managers	180	180	0	0%	30	30	NA
11-2022	Sales Managers	210	240	30	14%	40	60	\$83,425
11-2031	Public Relations Managers	60	60	0	0%	10	10	\$52,480
11-3011	Administrative Services Managers	130	130	0	0%	30	30	\$50,553
11-3021	Computer and Information Systems Managers	210	210	0	0%	40	40	\$71,053
11-3031	Financial Managers	410	410	0	0%	60	60	\$76,004
11-3061	Purchasing Managers	130	110	-20	-15%	30	30	\$73,885

11-9011	Farm, Ranch, and Other Agricultural Managers	210	250	40	19%	40	80	NA
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	40	0	0%	10	20	\$32,755
11-9032	Education Administrators, Elementary and Secondary School	170	210	40	24%	40	80	\$71,041
11-9033	Education Administrators, Postsecondary	30	30	0	0%	10	10	NA
11-9041	Engineering Managers	240	240	0	0%	50	50	\$83,100
11-9071	Gaming Managers	70	90	20	29%	10	30	NA
11-9111	Medical and Health Services Managers	330	410	80	24%	60	150	\$57,977
11-9121	Natural Sciences Managers	40	30	-10	-25%	10	10	\$74,192
13-1111	Management Analysts	270	270	0	0%	40	40	\$58,638
23-1022	Arbitrators, Mediators, and Conciliators	30	30	0	0%	0	0	NA
23-1023	Judges, Magistrate Judges, and Magistrates	40	40	0	0%	10	10	\$55,282
27-1011	Art Directors	20	10	-10	-50%	0	0	NA
Bachelor's degree								
11-3051	Industrial Production Managers	370	400	30	8%	70	100	\$67,241
11-9021	Construction Managers	380	390	10	3%	70	80	\$77,400
11-9141	Property, Real Estate, and Community Association Managers	90	90	0	0%	20	20	\$45,350
11-9151	Social and Community Service Managers	110	120	10	9%	20	30	\$37,295
13-1022	Wholesale and Retail Buyers, Except Farm Products	380	270	-110	-29%	100	100	\$41,710
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	70	80	\$42,424
13-1051	Cost Estimators	140	150	10	7%	30	40	\$50,956
13-1071	Employment, Recruitment, and Placement Specialists	130	160	30	23%	20	50	\$39,414
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	90	10	13%	10	20	\$42,364
13-1073	Training and Development Specialists	150	170	20	13%	20	50	\$37,406
13-1199	Business Operations Specialists, All Other	760	820	60	8%	130	190	\$29,094
13-2011	Accountants and Auditors	770	780	10	1%	150	160	\$47,206
13-2031	Budget Analysts	30	30	0	0%	10	10	\$45,402
13-2041	Credit Analysts	50	60	10	20%	10	10	\$41,449
13-2051	Financial Analysts	60	70	10	17%	10	20	\$62,674
13-2053	Insurance Underwriters	20	20	0	0%	0	0	NA
13-2072	Loan Officers	160	170	10	6%	30	40	\$50,374
13-2081	Tax Examiners, Collectors, and Revenue Agents	20	20	0	0%	10	10	\$31,998
13-2099	Financial Specialists, All Other	50	50	0	0%	10	10	NA
15-1021	Computer Programmers	120	100	-20	-17%	30	30	\$55,965
15-1031	Computer Software Engineers, Applications	380	370	-10	-3%	40	40	NA
15-1032	Computer Software Engineers, Systems Software	100	110	10	10%	10	20	\$61,242
15-1051	Computer Systems Analysts	190	210	20	11%	20	40	\$59,123
15-1061	Database Administrators	60	60	0	0%	10	10	\$49,424
15-1071	Network and Computer Systems Administrators	110	130	20	18%	10	30	\$51,789
15-1081	Network Systems and Data Communications Analysts	50	50	0	0%	10	10	\$61,755
17-1011	Architects, Except Landscape and Naval	30	30	0	0%	0	10	\$51,168
17-1022	Surveyors	70	80	10	14%	20	30	\$37,536
17-2031	Biomedical Engineers	20	30	10	50%	0	10	NA
17-2051	Civil Engineers	90	90	0	0%	20	20	\$56,482
17-2071	Electrical Engineers	110	120	10	9%	20	30	\$63,528
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	NA
17-2081	Environmental Engineers	20	40	20	100%	0	20	\$71,642
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	40	40	0	0%	10	10	\$68,193
17-2112	Industrial Engineers	450	470	20	4%	110	130	\$61,272
17-2131	Materials Engineers	50	50	0	0%	10	20	\$61,944
17-2141	Mechanical Engineers	700	630	-70	-10%	190	190	NA
17-2199	Engineers, All Other	120	110	-10	-8%	20	20	NA
19-1031	Conservation Scientists	20	20	0	0%	10	10	\$55,880
19-2031	Chemists	60	70	10	17%	20	30	\$57,324
19-3021	Market Research Analysts	120	120	0	0%	30	30	\$50,782
21-1021	Child, Family, and School Social Workers	300	300	0	0%	50	60	\$32,494
21-1022	Medical and Public Health Social Workers	20	30	10	50%	0	10	\$38,118
21-1092	Probation Officers and Correctional Treatment Specialists	50	50	0	0%	10	10	\$31,366
23-2092	Law Clerks	40	40	0	0%	0	0	\$22,140
25-2011	Preschool Teachers, Except Special Education	240	290	50	21%	30	80	\$19,153
25-2012	Kindergarten Teachers, Except Special Education	140	180	40	29%	20	60	\$44,960
25-2021	Elementary School Teachers, Except Special Education	1,360	1,580	220	16%	300	520	\$47,195
25-2022	Middle School Teachers, Except Special and Vocational Education	310	350	40	13%	70	100	\$46,818
25-2031	Secondary School Teachers, Except Special and Vocational Education	610	730	120	20%	170	290	\$45,718
25-2032	Vocational Education Teachers, Secondary School	80	80	0	0%	20	30	NA
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	180	240	60	33%	40	100	\$43,837
25-2042	Special Education Teachers, Middle School	50	70	20	40%	10	30	\$46,294

25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40	\$46,274
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	50	60	10	20%	10	20	\$26,064
27-1021	Commercial and Industrial Designers	120	120	0	0%	20	20	NA
27-1024	Graphic Designers	50	50	0	0%	10	10	\$32,970
27-1025	Interior Designers	20	20	0	0%	0	0	NA
27-3031	Public Relations Specialists	140	160	20	14%	20	40	\$38,519
27-3041	Editors	40	40	0	0%	10	10	NA
27-3042	Technical Writers	30	30	0	0%	10	10	NA
27-3043	Writers and Authors	30	30	0	0%	10	10	NA
29-1031	Dietitians and Nutritionists	40	40	0	0%	10	10	\$43,177
29-1071	Physician Assistants	40	70	30	75%	10	30	NA
29-1122	Occupational Therapists	60	70	10	17%	10	20	\$51,358
29-1125	Recreational Therapists	20	20	0	0%	10	10	NA
29-2011	Medical and Clinical Laboratory Technologists	100	110	10	10%	30	40	\$45,460
39-9032	Recreation Workers	190	220	30	16%	40	70	\$19,166
41-3021	Insurance Sales Agents	290	320	30	10%	70	100	\$67,546
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	40	-10	-20%	10	10	\$99,923
41-9031	Sales Engineers	30	30	0	0%	10	10	\$54,722

Associate degree

11-9061	Funeral Directors	30	30	0	0%	10	10	\$68,925
15-1041	Computer Support Specialists	230	240	10	4%	30	40	\$37,904
17-3022	Civil Engineering Technicians	40	30	-10	-25%	10	10	\$32,822
17-3023	Electrical and Electronic Engineering Technicians	160	150	-10	-6%	30	30	\$47,221
17-3024	Electro-Mechanical Technicians	20	20	0	0%	10	10	NA
17-3026	Industrial Engineering Technicians	130	130	0	0%	30	30	\$44,801
17-3027	Mechanical Engineering Technicians	340	300	-40	-12%	70	70	NA
19-4021	Biological Technicians	80	90	10	13%	10	20	\$36,692
19-4031	Chemical Technicians	90	110	20	22%	20	40	\$36,451
19-4091	Environmental Science and Protection Technicians, Including Health	20	30	10	50%	10	10	\$42,487
19-4099	Life, Physical, and Social Science Technicians, All Other	30	30	0	0%	10	10	\$31,247
23-2011	Paralegals and Legal Assistants	190	210	20	11%	20	30	\$31,796
29-1111	Registered Nurses	1,600	1,970	370	23%	340	710	\$49,121
29-1124	Radiation Therapists	20	30	10	50%	0	10	NA
29-1126	Respiratory Therapists	200	260	60	30%	60	130	\$44,717
29-2012	Medical and Clinical Laboratory Technicians	50	60	10	20%	10	20	\$35,222
29-2021	Dental Hygienists	210	300	90	43%	20	100	NA
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	\$33,079
29-2032	Diagnostic Medical Sonographers	20	20	0	0%	0	10	NA
29-2034	Radiologic Technologists and Technicians	170	200	30	18%	30	60	\$41,127
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	\$26,042
29-2071	Medical Records and Health Information Technicians	200	280	80	40%	30	110	\$25,873
31-2021	Physical Therapist Assistants	50	60	10	20%	10	20	\$39,173

Postsecondary vocational training

13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	\$29,136
15-1099	Computer Specialists, All Other	40	40	0	0%	0	0	\$47,623
17-3011	Architectural and Civil Drafters	40	50	10	25%	10	10	\$31,321
17-3012	Electrical and Electronics Drafters	20	20	0	0%	10	10	\$44,201
17-3013	Mechanical Drafters	260	240	-20	-8%	70	70	\$44,667
23-2091	Court Reporters	30	30	0	0%	0	0	\$26,142
29-2041	Emergency Medical Technicians and Paramedics	200	220	20	10%	20	50	\$24,050
29-2053	Psychiatric Technicians	430	330	-100	-23%	60	60	NA
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	\$38,368
29-2055	Surgical Technologists	70	80	10	14%	10	30	NA
29-2061	Licensed Practical and Licensed Vocational Nurses	1,080	1,210	130	12%	240	370	\$30,969
31-9011	Massage Therapists	40	50	10	25%	10	20	\$25,575
31-9094	Medical Transcriptionists	100	120	20	20%	20	40	\$28,027
35-1011	Chefs and Head Cooks	110	130	20	18%	30	50	\$25,583
39-1011	Gaming Supervisors	330	420	90	27%	70	160	NA
39-1012	Slot Key Persons	120	150	30	25%	30	60	NA
39-3011	Gaming Dealers	710	970	260	37%	220	480	NA
39-5012	Hairdressers, Hairstylists, and Cosmetologists	630	720	90	14%	120	210	\$21,839
39-9031	Fitness Trainers and Aerobics Instructors	110	150	40	36%	20	70	NA
41-3041	Travel Agents	20	20	0	0%	0	10	\$20,882
41-9022	Real Estate Sales Agents	140	140	0	0%	30	30	\$23,806
43-6012	Legal Secretaries	70	70	0	0%	10	10	\$27,407

43-6013	Medical Secretaries	330	360	30	9%	60	100	\$24,750
43-9031	Desktop Publishers	30	30	0	0%	10	10	\$32,837
49-2011	Computer, Automated Teller, and Office Machine Repairers	90	100	10	11%	10	20	\$28,511
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	100	90	-10	-10%	20	20	\$48,613
49-2092	Electric Motor, Power Tool, and Related Repairers	40	40	0	0%	10	10	NA
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	30	30	0	0%	10	10	\$39,923
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	40	0	0%	10	10	\$49,043
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	20	-10	-33%	10	10	NA
49-3023	Automotive Service Technicians and Mechanics	610	650	40	7%	160	210	\$30,846
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	400	510	110	28%	100	210	\$33,073
49-3041	Farm Equipment Mechanics	30	40	10	33%	10	10	\$24,307
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	10	\$27,684
51-4121	Welders, Cutters, Solderers, and Brazers	430	500	70	16%	120	190	\$31,261
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	0	NA
53-2012	Commercial Pilots	30	30	0	0%	10	10	\$36,373
Work experience in a related occupation								
11-3071	Transportation, Storage, and Distribution Managers	130	130	0	0%	30	30	\$65,633
11-9051	Food Service Managers	290	300	10	3%	50	60	\$40,025
11-9081	Lodging Managers	110	110	0	0%	20	20	\$28,458
11-9131	Postmasters and Mail Superintendents	60	60	0	0%	10	10	\$49,134
11-9199	Managers, All Other	780	640	-140	-18%	150	150	\$60,324
13-1021	Purchasing Agents and Buyers, Farm Products	30	30	0	0%	10	10	\$57,582
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	\$22,060
25-3021	Self-Enrichment Education Teachers	130	170	40	31%	20	60	\$26,335
27-2032	Choreographers	30	40	10	33%	20	20	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	40	0	0%	10	10	\$32,973
33-1012	First-Line Supervisors/Managers of Police and Detectives	90	90	0	0%	30	30	\$45,895
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	50	50	0	0%	20	30	NA
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	40	50	10	25%	10	20	\$34,647
33-3021	Detectives and Criminal Investigators	40	40	0	0%	10	10	\$37,767
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	NA
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	870	940	70	8%	210	270	\$26,239
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	220	240	20	9%	50	70	\$29,956
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	30	\$35,854
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	210	-10	-5%	60	60	\$28,852
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	\$19,614
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,540	1,480	-60	-4%	280	280	\$34,007
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	290	290	0	0%	50	60	\$56,707
41-9021	Real Estate Brokers	130	140	10	8%	30	40	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,250	1,170	-80	-6%	270	270	\$37,408
43-4141	New Accounts Clerks	80	90	10	13%	20	30	\$24,714
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	NA
45-2041	Graders and Sorters, Agricultural Products	20	20	0	0%	10	10	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	700	750	50	7%	120	170	\$45,402
47-4011	Construction and Building Inspectors	40	50	10	25%	10	10	\$31,751
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	520	50	11%	120	170	\$47,400
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,750	1,930	180	10%	370	540	\$45,885
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	280	270	-10	-4%	70	70	\$35,132
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	240	280	40	17%	60	90	\$51,342
53-5021	Captains, Mates, and Pilots of Water Vessels	60	80	20	33%	20	40	NA
53-6051	Transportation Inspectors	20	10	-10	-50%	0	0	NA
Long-term on-the-job training								
13-1031	Claims Adjusters, Examiners, and Investigators	40	40	0	0%	10	10	NA
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	80	80	0	0%	20	20	\$35,934
27-2022	Coaches and Scouts	20	30	10	50%	0	10	\$24,533
27-2031	Dancers	40	40	0	0%	20	20	NA
27-2042	Musicians and Singers	60	50	-10	-17%	10	10	NA
27-4021	Photographers	80	90	10	13%	20	30	NA
29-2081	Opticians, Dispensing	80	90	10	13%	10	20	\$21,729
33-2011	Fire Fighters	340	390	50	15%	100	150	\$27,689
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	NA
33-3051	Police and Sheriff's Patrol Officers	440	510	70	16%	110	190	\$35,048
35-2012	Cooks, Institution and Cafeteria	670	630	-40	-6%	210	210	\$19,302
35-2014	Cooks, Restaurant	800	930	130	16%	250	380	\$20,479
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	550	610	60	11%	160	210	\$20,958

47-2021	Brickmasons and Blockmasons	170	180	10	6%	30	40	\$39,913
47-2022	Stonemasons	20	20	0	0%	0	0	NA
47-2031	Carpenters	1,030	1,050	20	2%	170	180	\$33,411
47-2051	Cement Masons and Concrete Finishers	190	220	30	16%	40	70	\$36,128
47-2111	Electricians	820	900	80	10%	160	240	\$40,346
47-2121	Glaziers	60	70	10	17%	10	20	\$28,174
47-2152	Plumbers, Pipefitters, and Steamfitters	360	390	30	8%	80	110	\$37,358
47-2171	Reinforcing Iron and Rebar Workers	20	30	10	50%	10	10	NA
47-2221	Structural Iron and Steel Workers	60	70	10	17%	10	20	NA
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	\$31,854
49-3022	Automotive Glass Installers and Repairers	80	80	0	0%	20	20	NA
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	\$28,123
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	140	170	30	21%	20	40	NA
49-9031	Home Appliance Repairers	30	20	-10	-33%	10	10	\$28,679
49-9041	Industrial Machinery Mechanics	510	550	40	8%	100	140	\$42,691
49-9042	Maintenance and Repair Workers, General	1,840	2,050	210	11%	350	560	\$33,134
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	\$32,542
49-9044	Millwrights	130	130	0	0%	30	30	\$44,425
49-9051	Electrical Power-Line Installers and Repairers	180	180	0	0%	60	60	\$58,723
49-9052	Telecommunications Line Installers and Repairers	90	100	10	11%	30	30	\$40,433
49-9099	Installation, Maintenance, and Repair Workers, All Other	40	40	0	0%	10	10	\$28,497
51-3011	Bakers	290	300	10	3%	70	70	NA
51-3021	Butchers and Meat Cutters	140	120	-20	-14%	30	30	\$23,783
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,060	1,110	50	5%	180	220	\$29,978
51-4012	Numerical Tool and Process Control Programmers	80	90	10	13%	10	20	NA
51-4041	Machinists	1,080	1,130	50	5%	250	300	\$31,556
51-4111	Tool and Die Makers	490	460	-30	-6%	110	110	\$33,362
51-5021	Job Printers	20	20	0	0%	10	10	\$29,479
51-5022	Prepress Technicians and Workers	90	80	-10	-11%	20	20	\$27,849
51-6092	Fabric and Apparel Patternmakers	110	120	10	9%	50	60	NA
51-7011	Cabinetmakers and Bench Carpenters	260	250	-10	-4%	70	70	NA
51-7021	Furniture Finishers	70	60	-10	-14%	10	10	NA
51-8012	Power Distributors and Dispatchers	30	30	0	0%	10	10	\$42,177
51-8013	Power Plant Operators	120	120	0	0%	30	30	NA
51-8021	Stationary Engineers and Boiler Operators	50	40	-10	-20%	10	10	\$32,572
51-8031	Water and Liquid Waste Treatment Plant and System Operators	150	180	30	20%	50	80	\$29,810
51-9081	Dental Laboratory Technicians	220	220	0	0%	50	50	NA
51-9194	Etchers and Engravers	50	60	10	20%	20	20	NA
Moderate-term on-the-job training								
13-2082	Tax Preparers	70	80	10	14%	10	30	\$20,916
17-3031	Surveying and Mapping Technicians	100	100	0	0%	40	40	\$29,871
21-1093	Social and Human Service Assistants	180	260	80	44%	30	110	\$24,380
23-2093	Title Examiners, Abstractors, and Searchers	70	60	-10	-14%	10	10	\$29,578
27-1023	Floral Designers	60	70	10	17%	10	10	\$19,689
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	NA
29-2052	Pharmacy Technicians	200	230	30	15%	30	60	\$22,842
31-9091	Dental Assistants	190	270	80	42%	50	130	\$26,808
31-9092	Medical Assistants	250	410	160	64%	50	210	\$28,828
33-3012	Correctional Officers and Jailers	230	240	10	4%	50	60	\$24,900
33-9031	Gaming Surveillance Officers and Gaming Investigators	60	80	20	33%	10	30	\$28,597
37-2021	Pest Control Workers	20	20	0	0%	0	0	\$26,199
39-6021	Tour Guides and Escorts	20	20	0	0%	10	10	NA
39-9099	Personal Care and Service Workers, All Other	100	110	10	10%	20	30	NA
41-2022	Parts Salespersons	260	240	-20	-8%	70	70	\$24,748
41-3011	Advertising Sales Agents	70	80	10	14%	10	20	\$28,242
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	250	270	20	8%	70	90	\$58,301
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	770	810	40	5%	200	240	\$46,994
41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	\$22,632
41-9099	Sales and Related Workers, All Other	90	100	10	11%	20	30	NA
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,730	1,650	-80	-5%	320	320	\$25,335
43-4011	Brokerage Clerks	20	20	0	0%	0	0	\$28,613
43-4051	Customer Service Representatives	1,050	1,090	40	4%	160	200	\$30,022
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	NA
43-5011	Cargo and Freight Agents	20	30	10	50%	10	10	\$46,300
43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	\$26,016
43-5032	Dispatchers, Except Police, Fire, and Ambulance	110	140	30	27%	20	50	\$36,510

43-6011	Executive Secretaries and Administrative Assistants	1,260	1,160	-100	-8%	240	240	\$31,904
43-6014	Secretaries, Except Legal, Medical, and Executive	1,600	1,490	-110	-7%	310	310	\$23,144
43-9011	Computer Operators	200	130	-70	-35%	40	40	\$29,483
43-9021	Data Entry Keyers	200	150	-50	-25%	50	50	\$21,188
43-9022	Word Processors and Typists	30	20	-10	-33%	10	10	\$23,511
43-9041	Insurance Claims and Policy Processing Clerks	190	190	0	0%	30	40	\$25,786
45-2091	Agricultural Equipment Operators	50	60	10	20%	20	20	NA
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	NA
45-4022	Logging Equipment Operators	20	20	0	0%	0	10	NA
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	NA
47-2041	Carpet Installers	40	40	0	0%	10	10	\$33,654
47-2061	Construction Laborers	710	770	60	8%	100	150	\$30,391
47-2071	Paving, Surfacing, and Tamping Equipment Operators	140	150	10	7%	20	40	\$36,880
47-2073	Operating Engineers and Other Construction Equipment Operators	330	380	50	15%	90	130	\$38,107
47-2082	Tapers	20	20	0	0%	0	0	NA
47-2141	Painters, Construction and Maintenance	140	140	0	0%	20	20	\$28,751
47-2151	Pipelayers	110	120	10	9%	20	40	\$34,245
47-2181	Roofers	170	180	10	6%	40	50	\$32,574
47-2211	Sheet Metal Workers	90	100	10	11%	20	30	\$39,492
47-4041	Hazardous Materials Removal Workers	100	130	30	30%	30	50	NA
47-4051	Highway Maintenance Workers	350	330	-20	-6%	50	50	\$25,764
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	0	10	NA
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	10	NA
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	\$22,964
49-9011	Mechanical Door Repairers	90	110	20	22%	20	40	NA
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	20	20	0	0%	10	10	\$47,843
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	30	\$39,649
51-2041	Structural Metal Fabricators and Fitters	170	150	-20	-12%	40	40	NA
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	NA
51-2092	Team Assemblers	5,560	4,940	-620	-11%	1,440	1,440	\$30,807
51-2099	Assemblers and Fabricators, All Other	700	710	10	1%	180	190	\$30,976
51-3023	Slaughtering and Meat Packers	120	130	10	8%	30	40	NA
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	400	400	0	0%	130	140	\$29,256
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	190	210	20	11%	30	50	\$26,685
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	150	140	-10	-7%	30	30	NA
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,300	1,330	30	2%	300	340	\$29,405
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	230	210	-20	-9%	70	70	\$32,076
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Me	480	460	-20	-4%	90	90	\$29,791
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	510	-10	-2%	100	100	\$29,248
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	140	140	0	0%	30	30	\$30,128
51-4051	Metal-Refining Furnace Operators and Tenders	40	30	-10	-25%	10	10	NA
51-4052	Pourers and Casters, Metal	130	110	-20	-15%	30	30	NA
51-4062	Patternmakers, Metal and Plastic	20	10	-10	-50%	10	10	NA
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plas	1,180	1,180	0	0%	300	300	NA
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	720	740	20	3%	200	220	NA
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	410	400	-10	-2%	120	120	\$29,732
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	140	140	0	0%	40	40	\$27,218
51-4192	Lay-Out Workers, Metal and Plastic	40	30	-10	-25%	10	10	\$50,346
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-5%	50	50	\$32,631
51-4194	Tool Grinders, Filers, and Sharpeners	70	50	-20	-29%	20	20	\$32,310
51-4199	Metal Workers and Plastic Workers, All Other	60	60	0	0%	20	20	NA
51-5011	Bindery Workers	20	20	0	0%	10	10	NA
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	\$32,560
51-6011	Laundry and Dry-Cleaning Workers	180	170	-10	-6%	50	50	\$18,585
51-6031	Sewing Machine Operators	270	260	-10	-4%	30	30	NA
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	60	70	10	17%	10	20	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	NA
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	140	130	-10	-7%	40	40	\$23,381
51-7099	Woodworkers, All Other	30	20	-10	-33%	10	10	NA
51-9011	Chemical Equipment Operators and Tenders	20	20	0	0%	10	10	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tend	190	220	30	16%	60	80	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	180	180	0	0%	50	50	NA
51-9022	Grinding and Polishing Workers, Hand	120	140	20	17%	30	50	NA
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	\$32,594
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	70	0	0%	10	20	NA
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	60	60	0	0%	20	20	\$24,074
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30	20	-10	-33%	10	10	\$30,203

51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,230	1,260	30	2%	280	310	\$28,995
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	450	520	70	16%	120	180	\$25,623
51-9122	Painters, Transportation Equipment	60	60	0	0%	20	20	NA
51-9131	Photographic Process Workers	20	20	0	0%	0	0	NA
51-9191	Cementing and Gluing Machine Operators and Tenders	170	140	-30	-18%	50	50	\$24,318
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	60	70	10	17%	20	20	\$31,567
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	60	70	10	17%	20	20	\$31,368
51-9196	Paper Goods Machine Setters, Operators, and Tenders	250	230	-20	-8%	50	50	\$25,686
51-9199	Production Workers, All Other	610	750	140	23%	150	290	\$23,565
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	30	20	-10	-33%	0	0	NA
53-3021	Bus Drivers, Transit and Intercity	40	40	0	0%	10	20	\$19,417
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,310	4,600	1,290	39%	540	1,830	\$35,296
53-7021	Crane and Tower Operators	130	140	10	8%	30	40	\$41,441
53-7032	Excavating and Loading Machine and Dragline Operators	70	70	0	0%	20	20	\$32,183
53-7041	Hoist and Winch Operators	20	20	0	0%	10	10	NA
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	NA
53-7121	Tank Car, Truck, and Ship Loaders	580	600	20	3%	170	190	\$34,270
Short-term on-the-job training								
25-4031	Library Technicians	50	60	10	20%	20	30	\$20,174
25-9041	Teacher Assistants	1,010	1,240	230	23%	200	420	\$18,489
31-1011	Home Health Aides	460	620	160	35%	60	230	\$19,735
31-1012	Nursing Aides, Orderlies, and Attendants	1,260	1,450	190	15%	170	360	\$19,827
31-1013	Psychiatric Aides	160	180	20	13%	20	40	NA
31-2022	Physical Therapist Aides	20	20	0	0%	0	10	\$24,060
31-9093	Medical Equipment Preparers	50	60	10	20%	10	20	\$22,106
31-9095	Pharmacy Aides	50	50	0	0%	10	10	\$19,965
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	90	110	20	22%	20	40	\$15,064
31-9099	Healthcare Support Workers, All Other	110	140	30	27%	20	40	\$21,386
33-9032	Security Guards	610	680	70	11%	130	210	\$23,433
33-9099	Protective Service Workers, All Other	160	190	30	19%	110	140	NA
35-2011	Cooks, Fast Food	320	310	-10	-3%	100	100	\$15,203
35-2015	Cooks, Short Order	280	280	0	0%	90	90	\$15,287
35-2021	Food Preparation Workers	1,050	1,190	140	13%	370	520	\$16,155
35-3011	Bartenders	430	440	10	2%	170	180	\$14,191
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,400	2,710	310	13%	1,040	1,350	\$15,046
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	420	60	17%	230	300	NA
35-3031	Waiters and Waitresses	2,320	2,640	320	14%	1,190	1,520	\$15,284
35-3041	Food Servers, Nonrestaurant	110	100	-10	-9%	40	40	\$16,060
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	310	360	50	16%	100	150	\$14,499
35-9021	Dishwashers	470	520	50	11%	160	210	\$14,393
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	230	280	50	22%	70	120	\$16,471
35-9099	Food Preparation and Serving Related Workers, All Other	20	20	0	0%	10	10	NA
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,870	2,060	190	10%	360	550	\$21,626
37-2012	Maids and Housekeeping Cleaners	1,680	1,790	110	7%	350	460	\$17,547
37-3011	Landscaping and Groundskeeping Workers	780	870	90	12%	170	260	\$19,447
39-2021	Nonfarm Animal Caretakers	50	60	10	20%	10	20	NA
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	150	20	15%	80	90	\$16,092
39-3091	Amusement and Recreation Attendants	60	80	20	33%	20	40	\$15,320
39-4021	Funeral Attendants	70	90	20	29%	10	40	\$18,776
39-9011	Child Care Workers	600	650	50	8%	160	210	\$16,566
39-9021	Personal and Home Care Aides	390	540	150	38%	60	210	\$19,456
41-2011	Cashiers	2,990	2,900	-90	-3%	1,450	1,450	\$16,611
41-2012	Gaming Change Persons and Booth Cashiers	210	290	80	38%	100	180	NA
41-2021	Counter and Rental Clerks	420	470	50	12%	160	220	\$19,327
41-2031	Retail Salespersons	3,250	3,200	-50	-2%	1,180	1,180	\$20,262
41-9041	Telemarketers	80	80	0	0%	10	20	\$19,171
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	30	30	0	0%	10	10	NA
43-2011	Switchboard Operators, Including Answering Service	210	190	-20	-10%	50	50	\$20,689
43-3011	Bill and Account Collectors	150	180	30	20%	30	60	\$27,044
43-3021	Billing and Posting Clerks and Machine Operators	380	370	-10	-3%	60	60	\$25,647
43-3041	Gaming Cage Workers	490	600	110	22%	240	350	NA
43-3051	Payroll and Timekeeping Clerks	250	230	-20	-8%	70	70	\$29,370
43-3061	Procurement Clerks	60	50	-10	-17%	20	20	\$28,861
43-3071	Tellers	520	580	60	12%	260	320	\$18,611
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	\$23,792
43-4041	Credit Authorizers, Checkers, and Clerks	40	30	-10	-25%	10	10	NA

43-4071	File Clerks	120	110	-10	-8%	40	40	\$21,173
43-4081	Hotel, Motel, and Resort Desk Clerks	220	250	30	14%	100	120	\$15,243
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	30	\$23,009
43-4121	Library Assistants, Clerical	60	70	10	17%	20	40	NA
43-4131	Loan Interviewers and Clerks	110	100	-10	-9%	20	20	\$27,997
43-4151	Order Clerks	140	110	-30	-21%	30	30	\$24,808
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	160	170	10	6%	30	50	\$30,153
43-4171	Receptionists and Information Clerks	750	920	170	23%	180	350	\$21,109
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	130	200	70	54%	30	100	\$19,832
43-5021	Couriers and Messengers	90	80	-10	-11%	20	20	\$20,303
43-5051	Postal Service Clerks	60	60	0	0%	20	20	\$42,871
43-5052	Postal Service Mail Carriers	410	410	0	0%	130	130	\$40,863
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	100	90	-10	-10%	30	30	\$34,345
43-5061	Production, Planning, and Expediting Clerks	380	410	30	8%	90	120	\$38,955
43-5071	Shipping, Receiving, and Traffic Clerks	1,020	940	-80	-8%	210	210	\$25,928
43-5081	Stock Clerks and Order Fillers	1,800	1,520	-280	-16%	660	660	\$24,533
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	100	110	10	10%	30	30	\$29,217
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	50	40	-10	-20%	20	20	\$22,070
43-9061	Office Clerks, General	1,760	1,740	-20	-1%	390	390	\$21,337
43-9071	Office Machine Operators, Except Computer	80	70	-10	-13%	20	20	\$23,135
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	140	140	0	0%	60	60	\$27,214
47-3012	Helpers--Carpenters	280	290	10	4%	120	120	NA
47-3013	Helpers--Electricians	30	30	0	0%	10	10	NA
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	NA
47-3016	Helpers--Roofers	80	80	0	0%	30	40	\$23,525
47-3019	Helpers, Construction Trades, All Other	70	70	0	0%	30	30	NA
49-3093	Tire Repairers and Changers	150	150	0	0%	60	70	\$25,744
49-9098	Helpers--Installation, Maintenance, and Repair Workers	110	120	10	9%	40	50	\$23,875
51-2021	Coil Winders, Tapers, and Finishers	40	40	0	0%	10	10	NA
51-2022	Electrical and Electronic Equipment Assemblers	90	100	10	11%	20	30	\$24,967
51-2023	Electromechanical Equipment Assemblers	20	30	10	50%	0	20	\$22,841
51-2031	Engine and Other Machine Assemblers	370	360	-10	-3%	100	100	NA
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	40	50	10	25%	10	20	NA
51-3092	Food Batchmakers	70	80	10	14%	20	30	\$23,832
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	NA
51-6021	Pressers, Textile, Garment, and Related Materials	20	20	0	0%	0	0	\$17,814
51-9031	Cutters and Trimmers, Hand	20	20	0	0%	0	0	\$24,209
51-9111	Packaging and Filling Machine Operators and Tenders	580	650	70	12%	110	190	\$28,569
51-9123	Painting, Coating, and Decorating Workers	20	40	20	100%	10	20	NA
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	NA
51-9198	Helpers--Production Workers	1,850	2,020	170	9%	520	680	\$21,206
53-3022	Bus Drivers, School	770	890	120	16%	170	290	\$21,402
53-3031	Driver/Sales Workers	170	150	-20	-12%	30	30	\$30,414
53-3033	Truck Drivers, Light or Delivery Services	960	1,060	100	10%	90	190	\$25,128
53-3041	Taxi Drivers and Chauffeurs	60	70	10	17%	10	10	\$15,346
53-3099	Motor Vehicle Operators, All Other	40	40	0	0%	10	10	NA
53-6021	Parking Lot Attendants	80	90	10	13%	20	30	NA
53-6031	Service Station Attendants	60	60	0	0%	30	30	\$17,791
53-6099	Transportation Workers, All Other	40	50	10	25%	10	30	NA
53-7011	Conveyor Operators and Tenders	80	90	10	13%	20	30	\$31,138
53-7033	Loading Machine Operators, Underground Mining	30	30	0	0%	10	10	NA
53-7051	Industrial Truck and Tractor Operators	1,450	1,420	-30	-2%	270	270	\$29,390
53-7061	Cleaners of Vehicles and Equipment	360	370	10	3%	130	140	\$23,136
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,070	-160	-7%	730	730	\$22,708
53-7063	Machine Feeders and Offbearers	490	460	-30	-6%	130	130	\$24,979
53-7064	Packers and Packagers, Hand	1,700	1,920	220	13%	320	530	\$20,327
53-7081	Refuse and Recyclable Material Collectors	40	40	0	0%	10	10	\$22,977
53-7199	Material Moving Workers, All Other	30	30	0	0%	10	10	#N/A

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.
- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 09

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	Average Hourly Wage	Average Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	PERCENTILE									
								10th		25th		Median (50th)		75th		90th	
								Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual	Hourly	Annual
00-0000	Total, All Occupations	\$15.44	\$32,114	\$8.06	\$16,766	\$19.13	\$39,789	\$7.04	\$14,653	\$9.31	\$19,367	\$12.87	\$26,760	\$18.02	\$37,479	\$26.58	\$55,282
11-0000	Management Occupations	\$36.02	\$74,912	\$18.30	\$38,062	\$44.87	\$93,338	\$15.53	\$32,306	\$23.10	\$48,050	\$32.45	\$67,488	\$44.29	\$92,120	\$61.32	\$127,547
11-1000	Top Executives	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-1011	Chief Executives	\$61.89	\$128,739	\$32.60	\$67,803	\$76.54	\$159,207	\$24.43	\$50,809	\$45.81	\$95,295	\$60.14	\$125,095	NA	NA	NA	NA
11-1021	General and Operations Managers	\$39.04	\$81,199	\$21.81	\$45,371	\$47.65	\$99,114	\$19.69	\$40,950	\$25.50	\$53,045	\$35.52	\$73,875	\$48.05	\$99,952	\$63.43	\$131,933
11-1031	Legislators	\$6.92	\$14,397	\$6.03	\$12,537	\$7.37	\$15,327	\$5.60	\$11,644	\$5.91	\$12,301	\$6.40	\$13,316	\$6.96	\$14,480	\$11.39	\$23,686
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-2011	Advertising and Promotions Managers	\$27.65	\$57,515	\$14.67	\$30,516	\$34.14	\$71,014	\$13.13	\$27,317	\$15.93	\$33,128	\$22.71	\$47,244	\$33.61	\$69,905	\$52.63	\$109,478
11-2021	Marketing Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-2022	Sales Managers	\$40.11	\$83,425	\$25.16	\$52,334	\$47.58	\$98,970	\$22.27	\$46,324	\$29.48	\$61,318	\$35.59	\$74,032	\$51.41	\$106,937	\$65.05	\$135,305
11-2031	Public Relations Managers	\$25.23	\$52,480	\$17.80	\$37,019	\$28.95	\$60,211	\$16.62	\$34,572	\$18.84	\$39,187	\$24.46	\$50,884	\$31.93	\$66,409	\$35.65	\$74,154
11-3000	Operations Specialties Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3011	Administrative Services Managers	\$24.30	\$50,553	\$12.39	\$25,776	\$30.26	\$62,941	\$11.68	\$24,298	\$13.98	\$29,083	\$22.95	\$47,740	\$32.24	\$67,049	\$40.65	\$84,550
11-3021	Computer and Information Systems Managers	\$34.16	\$71,053	\$22.93	\$47,702	\$39.77	\$82,729	\$20.71	\$43,074	\$26.48	\$55,085	\$35.23	\$73,273	\$41.76	\$86,870	\$48.07	\$99,978
11-3031	Financial Managers	\$36.54	\$76,004	\$20.88	\$43,434	\$44.37	\$92,289	\$18.32	\$38,096	\$25.09	\$52,186	\$34.09	\$70,915	\$43.16	\$89,771	\$59.68	\$124,141
11-3040	Human Resources Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3051	Industrial Production Managers	\$32.33	\$67,241	\$21.59	\$44,917	\$37.69	\$78,403	\$19.37	\$40,281	\$24.46	\$50,870	\$31.29	\$65,084	\$39.03	\$81,176	\$49.10	\$102,124
11-3061	Purchasing Managers	\$35.52	\$73,885	\$22.41	\$46,611	\$42.08	\$87,522	\$19.79	\$41,173	\$26.02	\$54,130	\$35.28	\$73,377	\$41.61	\$86,553	\$52.39	\$108,966
11-3071	Transportation, Storage, and Distribution Managers	\$31.55	\$65,633	\$21.42	\$44,545	\$36.62	\$76,178	\$19.53	\$40,616	\$24.25	\$50,435	\$30.65	\$63,759	\$37.47	\$77,943	\$47.31	\$98,403
11-9000	Other Management Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9021	Construction Managers	\$37.21	\$77,400	\$24.12	\$50,177	\$43.76	\$91,011	\$22.88	\$47,596	\$25.38	\$52,798	\$28.61	\$59,516	\$36.81	\$76,559	NA	NA
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$15.75	\$32,755	\$10.43	\$21,686	\$18.41	\$38,290	\$9.77	\$20,316	\$10.47	\$21,777	\$11.64	\$24,218	\$17.52	\$36,449	\$25.67	\$53,402
11-9032	Education Administrators, Elementary and Secondary School	\$0.00	\$71,041	NA	\$60,556	NA	\$76,283	NA	\$56,775	NA	\$64,315	NA	\$71,357	NA	\$79,214	NA	\$90,445
11-9033	Education Administrators, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9041	Engineering Managers	\$39.95	\$83,100	\$29.90	\$62,193	\$44.98	\$93,554	\$28.80	\$59,901	\$32.76	\$68,140	\$39.19	\$81,517	\$46.84	\$97,420	\$53.79	\$111,884
11-9051	Food Service Managers	\$19.24	\$40,025	\$13.76	\$28,628	\$21.98	\$45,723	\$12.54	\$26,093	\$14.83	\$30,839	\$17.24	\$35,861	\$23.64	\$49,168	\$28.12	\$58,493
11-9061	Funeral Directors	\$33.14	\$68,925	\$14.28	\$29,712	\$42.56	\$88,532	\$11.88	\$24,713	\$16.20	\$33,690	\$28.76	\$59,816	\$43.11	\$89,662	\$47.22	\$98,223
11-9071	Gaming Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9081	Lodging Managers	\$13.68	\$28,458	\$6.79	\$14,122	\$17.13	\$35,626	\$6.30	\$13,108	\$7.24	\$15,062	\$8.35	\$17,362	\$19.15	\$39,836	\$22.66	\$47,140
11-9111	Medical and Health Services Managers	\$27.87	\$57,977	\$19.37	\$40,281	\$32.13	\$66,825	\$17.49	\$36,388	\$23.37	\$48,607	\$28.69	\$59,672	\$33.36	\$69,386	\$38.61	\$80,313
11-9121	Natural Sciences Managers	\$35.67	\$74,192	\$26.74	\$55,614	\$40.14	\$83,481	\$24.46	\$50,867	\$29.24	\$60,812	\$33.94	\$70,601	\$42.37	\$88,119	\$53.22	\$110,691
11-9131	Postmasters and Mail Superintendents	\$23.62	\$49,134	\$16.82	\$34,985	\$27.02	\$56,209	\$14.96	\$31,113	\$19.56	\$40,678	\$23.95	\$49,814	\$27.61	\$57,434	\$32.33	\$67,236
11-9141	Property, Real Estate, and Community Association Managers	\$21.80	\$45,350	\$10.92	\$22,707	\$27.25	\$56,671	\$9.34	\$19,435	\$12.75	\$26,529	\$19.72	\$41,011	\$26.85	\$55,850	\$39.38	\$81,915
11-9151	Social and Community Service Managers	\$17.93	\$37,295	\$13.21	\$27,484	\$20.29	\$42,200	\$12.29	\$25,564	\$14.38	\$29,915	\$17.42	\$36,236	\$20.32	\$42,266	\$25.02	\$52,044
11-9199	Managers, All Other	\$29.00	\$60,324	\$15.91	\$33,087	\$35.55	\$73,943	\$14.77	\$30,726	\$19.66	\$40,888	\$30.03	\$62,459	\$38.43	\$79,934	\$43.09	\$89,631
13-0000	Business and Financial Operations Occupations	\$19.69	\$40,955	\$10.40	\$21,641	\$24.33	\$50,611	\$9.70	\$20,169	\$12.15	\$25,273	\$17.34	\$36,060	\$24.53	\$51,029	\$33.86	\$70,432
13-1000	Business Operations Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	\$27.68	\$57,582	\$15.32	\$31,859	\$33.87	\$70,443	\$12.61	\$26,238	\$17.95	\$37,343	\$26.78	\$55,697	\$37.77	\$78,557	\$42.88	\$89,186
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$20.05	\$41,710	\$13.47	\$28,011	\$23.35	\$48,559	\$12.23	\$25,440	\$14.91	\$31,004	\$17.79	\$36,997	\$22.15	\$46,079	\$29.84	\$62,059
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$20.40	\$42,424	\$13.41	\$27,897	\$23.89	\$49,688	\$11.83	\$24,609	\$15.22	\$31,667	\$19.13	\$39,796	\$24.16	\$50,244	\$32.06	\$66,674
13-1031	Claims Adjusters, Examiners, and Investigators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, Cost Estimators	\$17.28	\$35,934	\$8.39	\$17,458	\$21.72	\$45,172	\$6.25	\$12,998	\$11.30	\$23,495	\$15.96	\$33,201	\$21.60	\$44,926	\$32.45	\$67,489
13-1051	Emergency Management Specialists	\$24.50	\$50,956	\$15.39	\$32,019	\$29.05	\$60,425	\$14.74	\$30,663	\$17.09	\$35,539	\$20.64	\$42,939	\$27.72	\$57,667	\$35.05	\$72,914
13-1061	Employment, Recruitment, and Placement Specialists	\$10.61	\$22,080	\$5.93	\$12,339	\$12.94	\$26,921	\$5.67	\$11,789	\$6.21	\$12,912	\$9.95	\$20,691	\$13.00	\$27,038	\$16.97	\$35,301
13-1071	Compensation, Benefits, and Job Analysis Specialists	\$18.95	\$39,414	\$10.78	\$22,420	\$23.03	\$47,910	\$9.94	\$20,670	\$12.09	\$25,144	\$14.79	\$30,764	\$21.05	\$43,778	\$31.08	\$64,640
13-1072	Training and Development Specialists	\$20.37	\$42,364	\$13.48	\$28,031	\$23.81	\$49,531	\$12.30	\$25,589	\$14.68	\$30,527	\$18.94	\$39,392	\$25.16	\$52,335	\$32.29	\$67,172
13-1073	Management Analysts	\$17.98	\$37,406	\$10.08	\$20,957	\$21.94	\$45,630	\$8.16	\$16,971	\$12.32	\$25,627	\$17.51	\$36,424	\$22.24	\$46,257	\$30.40	\$63,227
13-1111	Business Operations Specialists, All Other	\$28.19	\$58,638	\$11.40	\$23,713	\$36.59	\$76,100	\$7.38	\$15,353	\$14.13	\$29,385	\$23.61	\$49,112	\$36.62	\$76,160	\$50.00	\$103,998
13-1199	Financial Specialists	\$13.99	\$29,094	\$9.15	\$19,025	\$16.41	\$34,129	\$8.46	\$17,598	\$10.27	\$21,363	\$12.00	\$24,969	\$14.67	\$30,517	\$21.02	\$43,717
13-2000	Accountants and Auditors	\$22.70	\$47,206	\$13.04	\$27,131	\$27.52	\$57,243	\$11.77	\$24,479	\$14.90	\$31,001	\$21.10	\$43,891	\$28.51	\$59,292	\$36.96	\$76,866
13-2021	Appraisers and Assessors of Real Estate	\$14.01	\$29,136	\$8.94	\$18,599	\$16.54	\$34,404	\$8.57	\$17,823	\$10.07	\$20,947	\$13.64	\$28,369	\$16.63	\$34,589	\$21.86	\$45,464
13-2031	Budget Analysts	\$21.83	\$45,402	\$12.38	\$25,746	\$26.55	\$55,231	\$11.78	\$24,511	\$13.92	\$28,954	\$20.34	\$42,307	\$29.17	\$60,669	\$34.98	\$72,752
13-2041	Credit Analysts	\$19.93	\$41,449	\$11.52	\$23,967	\$24.13	\$50,190	\$10.63	\$22,119	\$12.56	\$26,119	\$15.66	\$32,567	\$23.49	\$48,864	\$36.08	\$75,046
13-2051	Financial Analysts	\$30.13	\$62,674	\$16.27	\$33,836	\$37.06	\$77,093	\$15.18	\$31,575	\$18.40	\$38,280	\$24.52	\$51,001	\$33.68	\$70,054	\$48.92	\$101,754
13-2053	Insurance Underwriters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2072	Loan Officers	\$24.22	\$50,374	\$15.67	\$32,593	\$28.49	\$59,265	\$14.93	\$31,061	\$17.27	\$35,918	\$22.50	\$46,801	\$31.83	\$66,212	\$36.72	\$76,385
13-2081	Tax Examiners, Collectors, and Revenue Agents	\$15.38	\$31,998	\$9.71	\$20,192	\$18.22	\$37,900	\$7.94	\$16,511	\$11.15	\$23,185	\$12.60	\$26,212	\$17.09	\$35,542	\$30.14	\$62,691
13-2082	Tax Preparers	\$10.06	\$20,916</														

25-1032	Engineering Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1071	Health Specialties Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1072	Nursing Instructors and Teachers, Postsecondary	\$0.00	\$48,572	NA	\$38,082	NA	\$53,816	NA	\$35,710	NA	\$40,241	NA	\$46,914	NA	\$55,416	NA	\$66,366	NA
25-1121	Art, Drama, and Music Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1122	Communications Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-1123	English Language and Literature Teachers, Postsecondary	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2000	Primary, Secondary, and Special Education School Teachers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2011	Preschool Teachers, Except Special Education	\$9.21	\$19,153	\$7.24	\$15,049	\$10.19	\$21,205	\$6.67	\$13,872	\$7.59	\$15,778	\$8.56	\$17,796	\$10.29	\$21,403	\$12.68	\$26,381	NA
25-2012	Kindergarten Teachers, Except Special Education	\$0.00	\$44,960	NA	\$33,018	NA	\$50,931	NA	\$30,481	NA	\$37,757	NA	\$44,832	NA	\$53,638	NA	\$61,344	NA
25-2021	Elementary School Teachers, Except Special Education	\$0.00	\$47,195	NA	\$32,449	NA	\$54,568	NA	\$30,116	NA	\$38,315	NA	\$49,913	NA	\$56,691	NA	\$62,867	NA
25-2022	Middle School Teachers, Except Special and Vocational Education	\$0.00	\$46,818	NA	\$34,031	NA	\$53,212	NA	\$31,740	NA	\$38,481	NA	\$46,919	NA	\$56,426	NA	\$65,412	NA
25-2031	Secondary School Teachers, Except Special and Vocational Education	\$0.00	\$45,718	NA	\$31,108	NA	\$53,022	NA	\$28,418	NA	\$36,327	NA	\$48,477	NA	\$55,503	NA	\$61,157	NA
25-2032	Vocational Education Teachers, Secondary School	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sch	\$0.00	\$43,837	NA	\$31,374	NA	\$50,068	NA	\$30,542	NA	\$34,007	NA	\$43,366	NA	\$53,864	NA	\$59,674	NA
25-2042	Special Education Teachers, Middle School	\$0.00	\$46,294	NA	\$33,395	NA	\$52,744	NA	\$31,710	NA	\$36,585	NA	\$44,858	NA	\$56,656	NA	\$66,842	NA
25-2043	Special Education Teachers, Secondary School	\$0.00	\$46,274	NA	\$34,752	NA	\$52,035	NA	\$32,076	NA	\$37,304	NA	\$46,614	NA	\$54,910	NA	\$61,513	NA
25-3000	Other Teachers and Instructors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	\$12.53	\$26,064	\$7.59	\$15,789	\$15.00	\$31,201	\$7.25	\$15,070	\$7.88	\$16,389	\$9.20	\$19,146	\$18.44	\$38,359	\$23.14	\$48,126	NA
25-3021	Self-Enrichment Education Teachers	\$12.66	\$26,335	\$7.27	\$15,128	\$15.36	\$31,938	\$6.94	\$14,426	\$8.01	\$16,660	\$10.42	\$21,679	\$16.46	\$34,247	\$21.76	\$45,259	NA
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4000	Librarians, Curators, and Archivists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4010	Archivists, Curators, and Museum Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4021	Librarians	\$26.20	\$54,489	\$21.29	\$44,293	\$28.65	\$59,588	\$17.78	\$36,988	\$23.77	\$49,448	\$26.73	\$55,602	\$29.96	\$62,325	\$33.44	\$69,550	NA
25-4031	Library Technicians	\$9.70	\$20,174	\$7.01	\$14,591	\$11.04	\$22,966	\$6.51	\$13,549	\$7.76	\$16,135	\$9.57	\$19,914	\$10.90	\$22,666	\$12.68	\$26,365	NA
25-9000	Other Education, Training, and Library Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-9031	Instructional Coordinators	\$22.06	\$45,890	\$12.11	\$25,185	\$27.04	\$56,242	\$11.60	\$24,123	\$13.19	\$27,430	\$23.81	\$49,519	\$29.51	\$61,374	\$33.44	\$69,552	NA
25-9041	Teacher Assistants	\$0.00	\$18,489	NA	\$14,597	NA	\$20,435	NA	\$13,431	NA	\$15,682	NA	\$18,479	NA	\$21,635	NA	\$23,626	NA
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$14.75	\$30,684	\$7.25	\$15,079	\$18.50	\$38,487	\$6.28	\$13,055	\$8.45	\$17,579	\$12.65	\$26,320	\$18.17	\$37,791	\$27.09	\$56,340	NA
27-1000	Art and Design Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1011	Art Directors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1021	Commercial and Industrial Designers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1023	Floral Designers	\$9.47	\$19,689	\$7.73	\$16,074	\$10.34	\$21,497	\$7.33	\$15,246	\$8.24	\$17,139	\$9.48	\$19,708	\$10.59	\$22,036	\$12.05	\$25,068	NA
27-1024	Graphic Designers	\$15.85	\$32,970	\$11.21	\$23,319	\$18.17	\$37,795	\$10.39	\$21,604	\$11.94	\$24,845	\$14.01	\$29,150	\$19.65	\$40,866	\$24.40	\$50,748	NA
27-1025	Interior Designers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1026	Merchandise Displayers and Window Trimmers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1099	Art and Design Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2000	Entertainers and Performers, Sports and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2022	Coaches and Scouts	\$0.00	\$24,533	NA	\$16,729	NA	\$28,435	NA	\$12,822	NA	\$21,179	NA	\$24,451	NA	\$26,972	NA	\$32,252	NA
27-2031	Dancers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2032	Choreographers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2042	Musicians and Singers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3000	Media and Communication Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3010	Announcers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3020	News Analysts, Reporters and Correspondents	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3031	Public Relations Specialists	\$18.52	\$38,519	\$12.22	\$25,408	\$21.67	\$45,075	\$11.09	\$23,061	\$13.95	\$29,018	\$16.99	\$35,330	\$22.09	\$45,955	\$26.92	\$56,000	NA
27-3041	Editors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3042	Technical Writers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3043	Writers and Authors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4000	Media and Communication Equipment Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4021	Photographers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-0000	Healthcare Practitioners and Technical Occupations	\$23.17	\$48,193	\$11.92	\$24,788	\$28.80	\$59,896	\$10.62	\$22,085	\$13.49	\$28,065	\$18.64	\$38,762	\$25.88	\$53,841	\$35.43	\$73,689	NA
29-1000	Health Diagnosing and Treating Practitioners	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1011	Chiropractors	\$56.27	\$117,034	\$12.56	\$26,117	\$78.12	\$162,493	\$12.02	\$24,995	\$13.20	\$27,465	\$38.40	\$79,881	NA	NA	NA	NA	NA
29-1020	Dentists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1031	Dietitians and Nutritionists	\$20.76	\$43,177	\$13.62	\$28,324	\$24.33	\$50,603	\$6.93	\$14,418	\$17.50	\$36,403	\$20.77	\$43,210	\$24.95	\$51,889	\$30.50	\$63,436	NA
29-1041	Optometrists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1051	Pharmacists	\$36.28	\$75,455	\$23.76	\$49,419	\$42.53	\$88,472	\$16.76	\$34,870	\$32.60	\$67,811	\$39.33	\$81,801	\$44.15	\$91,823	\$50.29	\$104,597	NA
29-1062	Family and General Practitioners	\$83.62	\$173,920	NA	NA	NA	NA	\$49.84	\$103,659	\$67.10	\$139,570	NA	NA	NA	NA	NA	NA	NA
29-1063	Internists, General	\$66.50	\$138,314	\$49.04	\$101,995	\$75.23	\$156,474	\$46.55	\$96,824	\$49.85	\$103,681	\$55.34	\$115,109	NA	NA	NA	NA	NA
29-1065	Pediatricians, General	\$78.38	\$163,039	\$44.28	\$92,097	\$95.44	\$198,510	\$21.92	\$45,589	\$60.91	\$126,695	NA	NA	NA	NA	NA	NA	NA
29-1066	Psychiatrists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1067	Surgeons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1071	Physician Assistants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1111	Registered Nurses	\$23.62	\$49,121	\$17.93	\$37,291	\$26.46	\$55,036	\$17.47	\$36,343	\$19.69	\$40,945	\$23.12	\$48,089	\$26.54	\$55,213	\$30.69	\$63,834	NA
29-1121	Audiologists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1122	Occupational Therapists	\$24.69	\$51,358	\$15.24	\$31,709	\$29.41	\$61,183	\$11.14	\$23,176	\$19.93	\$41,457	\$26.71	\$55,558	\$31.33	\$65,168	\$34.11	\$70,957	NA
29-1123	Physical Therapists	\$23.30	\$48,460	\$13.55	\$28,174	\$28.17	\$58,604	\$11.89	\$24,729	\$14.33	\$29,815	\$24.32	\$50,582	\$30.15	\$62,711	\$33.97	\$70,651	NA
29-1124	Radiation Therapists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1125	Recreational Therapists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1126	Respiratory Therapists	\$21.50	\$44,717	\$14.71	\$30,605	\$24.89	\$51,773	\$12.91	\$26,844	\$17.13	\$35,621	\$20.55	\$42,741	\$26.53	\$55,187	\$32.65	\$67,912	NA
29-1127	Speech-Language Pathologists	\$23.05	\$66,656	\$22.43	\$46,663	\$36.85	\$76,653	\$20.44	\$42,510	\$23.77	\$49,444	\$26.55	\$55,234	\$29.28	\$60,907	\$44.50	\$92,570	NA
29-1131	Veterinarians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1199	Health Diagnosing and Treating Practitioners, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2000	Health Technologists and Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	\$21.86	\$45,460	\$18.75	\$39,004	\$23.41	\$48,688	\$17.84	\$37,113	\$19.20	\$39,943	\$21.42	\$44,549	\$24.91	\$51,805	\$27.29	\$56,770	NA
29-2012	Medical and Clinical Laboratory Technicians	\$16.93	\$35,222	\$11.97	\$24,900	\$19.42	\$40,383	\$10.61	\$22,061	\$13.34	\$27,754	\$17.14	\$35,641	\$20.41	\$42,451	\$22.54	\$46,874	NA
29-2021	Dental Hygienists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2031	Cardiovascular Technologists and Technicians	\$15.90	\$33,079	\$10.72	\$22,290	\$18.50	\$38,474	\$9.88	\$20,541	\$11.36	\$23,628	\$14.58	\$30,318	\$20.51	\$42,655	\$24.37		

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47-4999	Construction Trades and Related Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5000	Extraction Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
47-5021	Earth Drillers, Except Oil and Gas	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-0000	Installation, Maintenance, and Repair Occupations	\$17.29	\$35,953	\$10.97	\$22,824	\$20.44	\$42,518	\$9.91	\$20,607	\$12.79	\$26,605	\$16.56	\$34,448	\$20.98	\$43,631	\$25.75	\$53,564		
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$22.79	\$47,400	\$15.35	\$31,935	\$26.51	\$55,132	\$14.37	\$29,896	\$17.30	\$35,988	\$21.73	\$45,208	\$26.73	\$55,600	\$34.08	\$70,896		
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	\$13.71	\$28,511	\$11.74	\$24,414	\$14.69	\$30,560	\$11.34	\$23,593	\$12.13	\$25,226	\$13.38	\$27,838	\$15.47	\$32,185	\$17.18	\$35,742		
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	\$23.37	\$48,613	\$17.11	\$35,582	\$26.50	\$55,128	\$14.89	\$30,971	\$20.78	\$43,217	\$24.63	\$51,226	\$27.40	\$57,002	\$30.83	\$64,125		
49-2092	Electric Motor, Power Tool, and Related Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$19.19	\$39,923	\$13.72	\$28,528	\$21.93	\$45,621	\$12.51	\$26,022	\$15.26	\$31,737	\$19.22	\$39,969	\$22.10	\$45,970	\$26.20	\$54,503		
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	\$23.58	\$49,043	\$19.89	\$41,376	\$25.42	\$52,877	\$18.66	\$38,819	\$21.82	\$45,384	\$24.05	\$50,017	\$26.19	\$54,476	\$27.52	\$57,241		
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-3021	Automotive Body and Related Repairers	\$15.31	\$31,854	\$9.00	\$18,729	\$18.47	\$38,416	\$6.70	\$13,931	\$11.70	\$24,345	\$14.71	\$30,590	\$19.11	\$39,758	\$24.04	\$50,003		
49-3022	Automotive Glass Installers and Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-3023	Automotive Service Technicians and Mechanics	\$14.83	\$30,846	\$9.76	\$20,300	\$17.36	\$36,119	\$9.06	\$18,835	\$10.94	\$22,747	\$13.76	\$28,620	\$18.84	\$39,181	\$22.04	\$45,837		
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$15.90	\$33,073	\$11.33	\$23,570	\$18.18	\$37,824	\$11.04	\$22,955	\$12.75	\$26,512	\$15.54	\$32,321	\$18.41	\$38,288	\$21.73	\$45,207		
49-3041	Farm Equipment Mechanics	\$11.69	\$24,307	\$7.23	\$15,035	\$13.91	\$28,942	\$6.52	\$13,570	\$8.15	\$16,954	\$11.18	\$23,249	\$15.47	\$32,175	\$17.31	\$36,011		
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$13.31	\$27,684	\$11.26	\$23,430	\$14.33	\$29,811	\$10.46	\$21,755	\$11.69	\$24,324	\$13.18	\$27,416	\$15.18	\$31,570	\$16.61	\$34,545		
49-3052	Motorcycle Mechanics	\$13.52	\$28,123	\$11.97	\$24,893	\$14.30	\$29,738	\$11.36	\$23,620	\$12.06	\$25,089	\$13.09	\$27,232	\$14.12	\$29,377	\$16.52	\$34,364		
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	\$11.04	\$22,964	\$9.47	\$19,698	\$11.83	\$24,597	\$8.91	\$18,524	\$9.67	\$20,106	\$10.78	\$22,422	\$12.37	\$25,727	\$13.66	\$28,414		
49-3093	Tire Repairers and Changers	\$12.38	\$25,744	\$8.79	\$18,280	\$14.17	\$29,476	\$7.31	\$15,203	\$10.76	\$22,391	\$12.76	\$26,549	\$14.50	\$30,170	\$16.77	\$34,879		
49-9000	Other Installation, Maintenance, and Repair Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9011	Mechanical Door Repairers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	\$23.00	\$47,843	\$16.61	\$34,559	\$26.19	\$54,485	\$14.93	\$31,050	\$18.38	\$38,226	\$22.55	\$46,904	\$27.98	\$58,192	\$32.89	\$68,418		
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
49-9031	Home Appliance Repairers	\$13.79	\$28,679	\$10.28	\$21,375	\$15.54	\$32,330	\$9.67	\$20,120	\$11.37	\$23,659	\$13.36	\$27,798	\$16.47	\$34,252	\$19.55	\$40,663		
49-9041	Industrial Machinery Mechanics	\$20.52	\$42,691	\$15.49	\$32,211	\$23.04	\$47,930	\$14.57	\$30,296	\$16.77	\$34,881	\$19.70	\$40,975	\$22.98	\$47,805	\$27.15	\$56,475		
49-9042	Maintenance and Repair Workers, General	\$15.93	\$33,134	\$10.77	\$22,406	\$18.51	\$38,499	\$9.72	\$20,221	\$12.46	\$25,916	\$15.85	\$32,966	\$19.35	\$40,257	\$22.39	\$46,579		
49-9043	Maintenance Workers, Machinery	\$15.65	\$32,542	\$11.50	\$23,929	\$17.72	\$36,949	\$11.09	\$23,061	\$12.57	\$26,138	\$15.19	\$31,602	\$19.05	\$39,631	\$21.27	\$44,245		
49-9044	Millwrights	\$21.36	\$44,425	\$17.37	\$36,125	\$23.35	\$48,575	\$16.18	\$33,657	\$17.93	\$37,303	\$20.35	\$42,334	\$24.35	\$50,654	\$29.20	\$60,742		
49-9051	Electrical Power-Line Installers and Repairers	\$28.23	\$58,723	\$22.25	\$46,284	\$31.22	\$64,941	\$20.71	\$43,087	\$23.63	\$49,144	\$26.14	\$54,380	\$33.29	\$69,251	\$42.54	\$88,480		
49-9052	Telecommunications Line Installers and Repairers	\$19.44	\$40,433	\$14.93	\$31,062	\$21.69	\$45,118	\$12.99	\$27,018	\$17.48	\$36,366	\$20.11	\$41,838	\$22.34	\$46,467	\$25.29	\$52,597		
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	\$19.06	\$39,649	\$13.69	\$28,469	\$21.75	\$45,239	\$12.26	\$25,502	\$14.96	\$31,120	\$17.14	\$35,651	\$19.83	\$41,256	\$36.82	\$76,589		
49-9098	Helpers--Installation, Maintenance, and Repair Workers	\$11.48	\$23,875	\$8.22	\$17,098	\$13.11	\$27,263	\$7.62	\$15,859	\$8.93	\$18,569	\$10.72	\$22,288	\$13.28	\$27,626	\$16.31	\$33,934		
49-9099	Installation, Maintenance, and Repair Workers, All Other	\$13.70	\$28,497	\$9.08	\$18,883	\$16.01	\$33,305	\$6.33	\$13,171	\$11.62	\$24,164	\$13.30	\$27,661	\$16.31	\$33,933	\$21.16	\$44,023		
51-0000	Production Occupations	\$14.52	\$30,203	\$9.58	\$19,931	\$16.99	\$35,339	\$8.89	\$18,495	\$10.68	\$22,205	\$13.94	\$28,994	\$17.01	\$35,383	\$21.74	\$45,209		
51-1000	Supervisors, Production Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	\$22.06	\$45,885	\$14.41	\$29,971	\$25.89	\$53,841	\$13.02	\$27,090	\$16.67	\$34,680	\$21.19	\$44,083	\$26.86	\$55,863	\$32.88	\$68,398		
51-2000	Assemblers and Fabricators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2021	Coil Winders, Tapers, and Finishers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2022	Electrical and Electronic Equipment Assemblers	\$12.00	\$24,967	\$6.23	\$12,955	\$14.89	\$30,973	\$5.97	\$12,423	\$6.69	\$13,918	\$10.81	\$22,490	\$17.59	\$36,578	\$20.25	\$42,116		
51-2023	Electromechanical Equipment Assemblers	\$10.98	\$22,841	\$7.49	\$15,575	\$12.73	\$26,474	\$7.12	\$14,805	\$8.28	\$17,212	\$9.97	\$20,744	\$12.16	\$25,289	\$18.70	\$38,898		
51-2031	Engine and Other Machine Assemblers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2041	Structural Metal Fabricators and Fitters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2091	Fiberglass Laminators and Fabricators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-2092	Team Assemblers	\$14.81	\$30,807	\$11.78	\$24,498	\$16.33	\$33,962	\$11.43	\$23,764	\$12.93	\$26,892	\$15.09	\$31,391	\$16.73	\$34,799	\$17.82	\$37,073		
51-2099	Assemblers and Fabricators, All Other	\$14.89	\$30,976	\$8.98	\$18,678	\$17.85	\$37,125	\$8.40	\$17,463	\$9.90	\$20,594	\$15.17	\$31,544	\$19.24	\$40,023	\$21.46	\$44,646		
51-3000	Food Processing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3011	Bakers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3021	Butchers and Meat Cutters	\$11.43	\$23,783	\$6.98	\$14,520	\$13.66	\$28,414	\$6.20	\$12,887	\$8.04	\$16,717	\$11.70	\$24,344	\$14.82	\$30,830	\$16.44	\$34,192		
51-3023	Slaughterers and Meat Packers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and T	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3092	Food Batchmakers	\$11.46	\$23,832	\$7.43	\$15,458	\$13.47	\$28,019	\$7.18	\$14,935	\$8.10	\$16,850	\$11.69	\$24,318	\$14.48	\$30,114	\$16.64	\$34,610		
51-3093	Food Cooking Machine Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-3099	Food Processing Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4000	Metal Workers and Plastic Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$14.41	\$29,978	\$10.23	\$21,269	\$16.51	\$34,333	\$9.78	\$20,336	\$10.94	\$22,748	\$13.30	\$27,662	\$16.68	\$34,684	\$22.10	\$45,966		
51-4012	Numerical Tool and Process Control Programmers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal ar	\$14.07	\$29,256	\$10.53	\$21,900	\$15.83	\$32,935	\$9.88	\$20,560	\$11.23	\$23,362	\$13.58	\$28,251	\$16.36	\$34,026	\$19.04	\$39,613		
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	\$12.83	\$26,685	\$10.35	\$21,532	\$14.07	\$29,262	\$9.84	\$20,466	\$11.00	\$22,889	\$12.71	\$26,444	\$14.40	\$29,954	\$16.61	\$34,540		
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, M	\$14.14	\$29,405	\$10.64	\$22,138	\$15.88	\$33,038	\$9.86	\$20,509	\$11.63	\$24,185	\$14.71	\$30,589	\$16.68	\$34,692	\$17.88	\$37,181		
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal a	\$15.42	\$32,076	\$11.62	\$24,177	\$17.32	\$36,025	\$10.78	\$22,413	\$12.74	\$26,505	\$15.17	\$31,562	\$17.22	\$35,809	\$19.94	\$41,465		
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators	\$14.32	\$29,791	\$9.90	\$20,586	\$16.54	\$34,394	\$9.35	\$19,456	\$10.93	\$22,734	\$14.60	\$30,365	\$17.22	\$35,817	\$20.05	\$41,712		
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal a	\$14.06	\$29,248	\$10.79	\$22,436	\$15.70	\$32,654	\$9.93	\$20,647	\$11.48	\$23,886	\$13.47	\$28,022	\$16.28	\$33,865	\$19.13	\$39,796		
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and P	\$14.48	\$30,128	\$11.11	\$23,101	\$16.17	\$33,641	\$10.50	\$21,843	\$12.22	\$25,424	\$14.86	\$30,903	\$16.52	\$34,364	\$17.74	\$36,898		
51-4041	Machinists	\$																	

51-4194	Tool Grinders, Filers, and Sharpeners	\$15.53	\$32,310	\$12.22	\$25,428	\$17.19	\$35,751	\$11.66	\$24,257	\$12.76	\$26,546	\$14.83	\$30,853	\$18.77	\$39,034	\$20.89	\$43,458
51-4199	Metal Workers and Plastic Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-5000	Printing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-5011	Bindery Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-5021	Job Printers	\$14.17	\$29,479	\$10.61	\$22,069	\$15.95	\$33,184	\$8.72	\$18,135	\$12.12	\$25,212	\$14.36	\$29,861	\$16.83	\$35,009	\$18.69	\$38,875
51-5022	Prepress Technicians and Workers	\$13.39	\$20,857	\$10.03	\$20,857	\$15.07	\$31,346	\$9.18	\$19,097	\$11.00	\$22,886	\$13.39	\$27,859	\$16.07	\$33,416	\$17.60	\$36,607
51-5023	Printing Machine Operators	\$15.65	\$32,560	\$10.92	\$22,720	\$18.02	\$37,480	\$9.86	\$20,518	\$12.40	\$25,782	\$15.78	\$32,831	\$18.76	\$39,019	\$21.70	\$45,130
51-6000	Textile, Apparel, and Furnishings Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	\$8.93	\$18,585	\$6.97	\$14,492	\$9.92	\$20,631	\$6.42	\$13,360	\$7.48	\$15,569	\$8.68	\$18,058	\$10.17	\$21,145	\$11.49	\$23,905
51-6021	Pressers, Textile, Garment, and Related Materials	\$8.56	\$17,814	\$7.91	\$16,444	\$8.89	\$18,500	\$7.38	\$15,343	\$7.76	\$16,132	\$8.39	\$17,447	\$9.09	\$18,901	\$10.52	\$21,878
51-6031	Sewing Machine Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Syntheti	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-6092	Fabric and Apparel Patternmakers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7000	Woodworkers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7011	Cabinetmakers and Bench Carpenters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7021	Furniture Finishers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$11.24	\$23,381	\$8.49	\$17,653	\$12.62	\$26,245	\$7.84	\$16,308	\$9.04	\$18,793	\$11.25	\$23,407	\$13.24	\$27,530	\$15.35	\$31,934
51-7099	Woodworkers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8000	Plant and System Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8012	Power Distributors and Dispatchers	\$20.28	\$42,177	\$16.27	\$33,848	\$22.28	\$46,342	\$15.49	\$32,220	\$17.78	\$36,991	\$20.32	\$42,274	\$22.76	\$47,333	\$26.34	\$54,785
51-8013	Power Plant Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-8021	Stationary Engineers and Boiler Operators	\$15.66	\$32,572	\$11.59	\$24,116	\$17.69	\$36,799	\$11.07	\$23,030	\$12.73	\$26,475	\$14.98	\$31,165	\$16.92	\$35,185	\$23.56	\$49,006
51-8031	Water and Liquid Waste Treatment Plant and System Operators	\$14.33	\$29,810	\$12.34	\$25,674	\$15.33	\$31,878	\$11.76	\$24,465	\$12.58	\$26,159	\$13.89	\$28,900	\$16.14	\$33,568	\$18.17	\$37,785
51-9000	Other Production Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9011	Chemical Equipment Operators and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tender	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9022	Grinding and Polishing Workers, Hand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$15.67	\$32,594	\$10.39	\$21,602	\$18.31	\$38,090	\$9.41	\$19,576	\$11.81	\$24,570	\$16.29	\$33,879	\$19.42	\$40,386	\$21.23	\$44,155
51-9031	Cutters and Trimmers, Hand	\$11.64	\$24,209	\$8.63	\$17,960	\$13.14	\$27,334	\$7.88	\$16,401	\$9.39	\$19,530	\$11.92	\$24,786	\$13.59	\$28,257	\$14.81	\$30,810
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	\$11.57	\$24,074	\$9.38	\$19,511	\$12.67	\$26,355	\$8.93	\$18,572	\$10.02	\$20,839	\$11.54	\$24,012	\$12.86	\$26,751	\$13.65	\$28,394
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$14.52	\$30,203	\$9.72	\$20,227	\$16.92	\$35,191	\$8.15	\$16,948	\$11.44	\$23,789	\$13.31	\$27,692	\$19.49	\$40,543	\$21.63	\$44,994
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$13.94	\$28,995	\$9.81	\$20,414	\$16.00	\$33,285	\$9.37	\$19,490	\$10.62	\$22,088	\$12.78	\$26,576	\$15.90	\$33,075	\$20.46	\$42,553
51-9071	Jewelers and Precious Stone and Metal Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9081	Dental Laboratory Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9111	Packaging and Filling Machine Operators and Tenders	\$13.74	\$28,569	\$8.86	\$18,422	\$16.17	\$33,642	\$8.02	\$16,682	\$9.85	\$20,490	\$13.60	\$28,288	\$16.99	\$35,333	\$20.59	\$42,826
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$12.32	\$25,623	\$9.76	\$20,308	\$13.60	\$28,280	\$9.31	\$19,368	\$10.13	\$21,078	\$11.69	\$24,316	\$14.71	\$30,593	\$16.57	\$34,472
51-9122	Painters, Transportation Equipment	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9123	Painting, Coating, and Decorating Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9131	Photographic Process Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9132	Photographic Processing Machine Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9191	Cementing and Gluing Machine Operators and Tenders	\$11.69	\$24,318	\$9.57	\$19,903	\$12.75	\$26,526	\$9.02	\$18,751	\$9.71	\$20,204	\$10.85	\$22,577	\$13.37	\$27,817	\$15.48	\$32,196
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	\$15.18	\$31,567	\$10.65	\$22,151	\$17.44	\$36,276	\$9.72	\$20,209	\$11.67	\$24,273	\$15.05	\$31,308	\$18.88	\$39,272	\$21.18	\$44,056
51-9194	Etchers and Engravers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	\$15.08	\$31,368	\$12.07	\$25,110	\$16.59	\$34,498	\$11.32	\$23,539	\$12.07	\$25,101	\$13.32	\$27,706	\$17.05	\$35,467	\$21.78	\$45,303
51-9196	Paper Goods Machine Setters, Operators, and Tenders	\$12.35	\$25,686	\$9.40	\$19,562	\$13.82	\$28,748	\$8.61	\$17,904	\$10.27	\$21,358	\$12.22	\$25,408	\$14.18	\$29,496	\$16.77	\$34,888
51-9198	Helpers--Production Workers	\$10.20	\$21,206	\$8.19	\$17,042	\$11.20	\$23,288	\$7.56	\$15,735	\$8.67	\$18,025	\$9.68	\$20,135	\$10.67	\$22,201	\$14.64	\$30,455
51-9199	Production Workers, All Other	\$11.33	\$23,565	\$8.88	\$18,464	\$12.56	\$26,116	\$8.08	\$16,813	\$9.37	\$19,485	\$10.50	\$21,835	\$12.50	\$25,995	\$15.56	\$32,356
53-0000	Transportation and Material Moving Occupations	\$13.43	\$27,936	\$7.84	\$16,300	\$16.23	\$33,755	\$6.80	\$14,137	\$9.07	\$18,868	\$12.08	\$25,129	\$16.10	\$33,498	\$21.87	\$45,490
53-1000	Supervisors, Transportation and Material Moving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Mover	\$16.89	\$35,132	\$11.20	\$23,299	\$19.73	\$41,048	\$10.23	\$21,288	\$12.41	\$25,812	\$15.92	\$33,111	\$19.89	\$41,370	\$25.80	\$53,655
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	\$24.68	\$51,342	\$16.13	\$33,548	\$28.96	\$60,239	\$14.47	\$30,101	\$18.31	\$38,091	\$23.09	\$48,024	\$29.33	\$61,011	\$37.02	\$77,002
53-2000	Air Transportation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-2012	Commercial Pilots	\$0.00	\$36,373	NA	\$16,669	NA	\$46,225	NA	\$15,820	NA	\$17,194	NA	\$26,490	NA	\$48,955	NA	\$77,707
53-3000	Motor Vehicle Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technician	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-3021	Bus Drivers, Transit and Intercity	\$9.34	\$19,417	\$8.12	\$16,881	\$9.94	\$20,685	\$7.57	\$15,749	\$8.71	\$18,125	\$9.54	\$19,844	\$10.33	\$21,480	\$10.85	\$22,578
53-3022	Bus Drivers, School	\$10.29	\$21,402	\$6.04	\$12,571	\$12.41	\$25,817	\$5.82	\$12,098	\$6.59	\$13,715	\$9.02	\$18,772	\$12.98	\$27,005	\$16.29	\$33,879
53-3031	Driver/Sales Workers	\$14.62	\$30,414	\$9.94	\$20,671	\$16.96	\$35,285	\$9.27	\$19,287	\$11.20	\$23,306	\$13.37	\$27,803	\$18.24	\$37,944	\$21.52	\$44,761
53-3032	Truck Drivers, Heavy and Tractor-Trailer	\$16.97	\$35,296	\$10.53	\$21,909	\$20.19	\$41,989	\$9.61	\$19,987	\$12.00	\$24,965	\$15.50	\$32,233	\$18.41	\$38,289	\$26.66	\$55,456
53-3033	Truck Drivers, Light or Delivery Services	\$12.08	\$25,128	\$6.42	\$13,353	\$14.91	\$31,016	\$6.01	\$12,510	\$6.95	\$14,465	\$10.54	\$21,913	\$14.91	\$31,005	\$23.62	\$49,125
53-3041	Taxi Drivers and Chauffeurs	\$7.38	\$15,346	\$6.03	\$12,536	\$8.05	\$16,752	\$5.65	\$11,755	\$6.09	\$12,665	\$6.81	\$14,173	\$8.69	\$18,084	\$10.27	\$21,352
53-3099	Motor Vehicle Operators, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-5000	Water Transportation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-5021	Captains, Mates, and Pilots of Water Vessels	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-6000	Other Transportation Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-6021	Parking Lot Attendants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-6031	Service Station Attendants	\$8.55	\$17,791	\$7.26	\$15,103	\$9.20	\$19,135	\$6.89	\$14,334	\$7.58	\$15,758	\$8.55	\$17,780	\$9.70	\$20,179	\$10.63	\$22,102
53-6051	Transportation Inspectors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-6099	Transportation Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7000	Material Moving Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7011	Conveyor Operators and Tenders	\$14.97	\$31,138	\$11.54	\$23,995	\$16.69	\$34,709	\$10.80	\$22,463	\$12.16	\$25,302	\$13.98	\$29,084	\$18.51	\$38,504	\$20.94	\$43,547
53-7021	Crane and Tower Operators	\$19.92	\$41,441	\$13.10	\$27,247	\$23.34	\$48,538	\$12.11	\$25,194	\$14.28	\$29,701	\$22.43	\$46,657	\$25.11	\$52,222	\$26.71	\$55,554
53-7032	Excavating and Loading Machine and Dragline Operators	\$15.47	\$32,183	\$11.86	\$24,671	\$17.28	\$35,939	\$11.29	\$23,481	\$12.81	\$26,640	\$15.17	\$31,553	\$17.15	\$35,682	\$21.19	\$44,080
53-7033	Loading Machine Operators, Underground Mining	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7041	Hoist and Winch Operators	NA	NA														

53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$10.92	\$22,708	\$7.29	\$15,173	\$12.73	\$26,476	\$6.68	\$13,896	\$8.18	\$17,023	\$10.17	\$21,147	\$13.05	\$27,139	\$16.37	\$34,044
53-7063	Machine Feeders and Offbearers	\$12.01	\$24,979	\$9.61	\$19,992	\$13.21	\$27,473	\$9.18	\$19,093	\$9.83	\$20,448	\$10.92	\$22,717	\$13.72	\$28,536	\$16.47	\$34,267
53-7064	Packers and Packagers, Hand	\$9.77	\$20,327	\$7.02	\$14,593	\$11.15	\$23,193	\$6.70	\$13,944	\$7.45	\$15,504	\$9.02	\$18,754	\$12.28	\$25,541	\$13.80	\$28,698
53-7071	Gas Compressor and Gas Pumping Station Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
53-7081	Refuse and Recyclable Material Collectors	\$11.05	\$22,977	\$9.09	\$18,907	\$12.02	\$25,011	\$8.69	\$18,079	\$9.87	\$20,539	\$11.23	\$23,364	\$12.50	\$25,997	\$13.32	\$27,699
53-7199	Material Moving Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 09

Ranked by Total Growth 2002-2012

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	Rank
	Total, All Occupations	137,670	146,150	8,480	6%	33,800	45,740	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,310	4,600	1,290	39%	540	1,830	1
29-1111	Registered Nurses	1,600	1,970	370	23%	340	710	2
35-3031	Waiters and Waitresses	2,320	2,640	320	14%	1,190	1,520	3
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,400	2,710	310	13%	1,040	1,350	4
39-3011	Gaming Dealers	710	970	260	37%	220	480	5
25-9041	Teacher Assistants	1,010	1,240	230	23%	200	420	6
25-2021	Elementary School Teachers, Except Special Education	1,360	1,580	220	16%	300	520	7
53-7064	Packers and Packagers, Hand	1,700	1,920	220	13%	320	530	7
49-9042	Maintenance and Repair Workers, General	1,840	2,050	210	11%	350	560	9
31-1012	Nursing Aides, Orderlies, and Attendants	1,260	1,450	190	15%	170	360	10
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,870	2,060	190	10%	360	550	10
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,750	1,930	180	10%	370	540	12
43-4171	Receptionists and Information Clerks	750	920	170	23%	180	350	13
51-9198	Helpers--Production Workers	1,850	2,020	170	9%	520	680	13
31-1011	Home Health Aides	460	620	160	35%	60	230	15
31-9092	Medical Assistants	250	410	160	64%	50	210	15
39-9021	Personal and Home Care Aides	390	540	150	38%	60	210	17
11-1021	General and Operations Managers	1,900	2,040	140	7%	360	500	18
35-2021	Food Preparation Workers	1,050	1,190	140	13%	370	520	18
29-2061	Licensed Practical and Licensed Vocational Nurses	1,080	1,210	130	12%	240	370	20
35-2014	Cooks, Restaurant	800	930	130	16%	250	380	20
25-2031	Secondary School Teachers, Except Special and Vocational Education	610	730	120	20%	170	290	22
53-3022	Bus Drivers, School	770	890	120	16%	170	290	22
37-2012	Maids and Housekeeping Cleaners	1,680	1,790	110	7%	350	460	24
43-3041	Gaming Cage Workers	490	600	110	22%	240	350	24
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	400	510	110	28%	100	210	24
53-3033	Truck Drivers, Light or Delivery Services	960	1,060	100	10%	90	190	27
29-2021	Dental Hygienists	210	300	90	43%	20	100	28
37-3011	Landscaping and Groundskeeping Workers	780	870	90	12%	170	260	28
39-1011	Gaming Supervisors	330	420	90	27%	70	160	28
39-5012	Hairdressers, Hairstylists, and Cosmetologists	630	720	90	14%	120	210	28
11-9111	Medical and Health Services Managers	330	410	80	24%	60	150	32
21-1093	Social and Human Service Assistants	180	260	80	44%	30	110	32
29-2071	Medical Records and Health Information Technicians	200	280	80	40%	30	110	32
31-9091	Dental Assistants	190	270	80	42%	50	130	32
41-2012	Gaming Change Persons and Booth Cashiers	210	290	80	38%	100	180	32
47-2111	Electricians	820	900	80	10%	160	240	32
33-3051	Police and Sheriff's Patrol Officers	440	510	70	16%	110	190	38
33-9032	Security Guards	610	680	70	11%	130	210	38
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	870	940	70	8%	210	270	38
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	130	200	70	54%	30	100	38
51-4121	Welders, Cutters, Solderers, and Brazers	430	500	70	16%	120	190	38
51-9111	Packaging and Filling Machine Operators and Tenders	580	650	70	12%	110	190	38
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	450	520	70	16%	120	180	38
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	180	240	60	33%	40	100	45
29-1126	Respiratory Therapists	200	260	60	30%	60	130	45
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	420	60	17%	230	300	45
43-3071	Tellers	520	580	60	12%	260	320	45
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	550	610	60	11%	160	210	45
47-2061	Construction Laborers	710	770	60	8%	100	150	45
25-2011	Preschool Teachers, Except Special Education	240	290	50	21%	30	80	51
33-2011	Fire Fighters	340	390	50	15%	100	150	51
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	310	360	50	16%	100	150	51
35-9021	Dishwashers	470	520	50	11%	160	210	51

35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	230	280	50	22%	70	120	51
39-9011	Child Care Workers	600	650	50	8%	160	210	51
41-2021	Counter and Rental Clerks	420	470	50	12%	160	220	51
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	700	750	50	7%	120	170	51
47-2073	Operating Engineers and Other Construction Equipment Operators	330	380	50	15%	90	130	51
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	520	50	11%	120	170	51
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,060	1,110	50	5%	180	220	51
51-4041	Machinists	1,080	1,130	50	5%	250	300	51
11-9011	Farm, Ranch, and Other Agricultural Managers	210	250	40	19%	40	80	63
11-9032	Education Administrators, Elementary and Secondary School	170	210	40	24%	40	80	63
25-2012	Kindergarten Teachers, Except Special Education	140	180	40	29%	20	60	63
25-2022	Middle School Teachers, Except Special and Vocational Education	310	350	40	13%	70	100	63
25-3021	Self-Enrichment Education Teachers	130	170	40	31%	20	60	63
29-1062	Family and General Practitioners	160	200	40	25%	20	60	63
39-9031	Fitness Trainers and Aerobics Instructors	110	150	40	36%	20	70	63
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	770	810	40	5%	200	240	63
43-4051	Customer Service Representatives	1,050	1,090	40	4%	160	200	63
49-3023	Automotive Service Technicians and Mechanics	610	650	40	7%	160	210	63
49-9041	Industrial Machinery Mechanics	510	550	40	8%	100	140	63
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	240	280	40	17%	60	90	63
11-2022	Sales Managers	210	240	30	14%	40	60	75
11-3051	Industrial Production Managers	370	400	30	8%	70	100	75
13-1071	Employment, Recruitment, and Placement Specialists	130	160	30	23%	20	50	75
19-3031	Clinical, Counseling, and School Psychologists	100	130	30	30%	20	60	75
21-1012	Educational, Vocational, and School Counselors	170	200	30	18%	40	70	75
25-1011	Business Teachers, Postsecondary	60	90	30	50%	10	40	75
29-1051	Pharmacists	190	220	30	16%	40	60	75
29-1071	Physician Assistants	40	70	30	75%	10	30	75
29-1127	Speech-Language Pathologists	140	170	30	21%	30	70	75
29-2034	Radiologic Technologists and Technicians	170	200	30	18%	30	60	75
29-2052	Pharmacy Technicians	200	230	30	15%	30	60	75
39-1012	Slot Key Persons	120	150	30	25%	30	60	75
39-9032	Recreation Workers	190	220	30	16%	40	70	75
41-3021	Insurance Sales Agents	290	320	30	10%	70	100	75
43-3011	Bill and Account Collectors	150	180	30	20%	30	60	75
43-4081	Hotel, Motel, and Resort Desk Clerks	220	250	30	14%	100	120	75
43-5032	Dispatchers, Except Police, Fire, and Ambulance	110	140	30	27%	20	50	75
43-5061	Production, Planning, and Expediting Clerks	380	410	30	8%	90	120	75
43-6013	Medical Secretaries	330	360	30	9%	60	100	75
47-2051	Cement Masons and Concrete Finishers	190	220	30	16%	40	70	75
47-2152	Plumbers, Pipefitters, and Steamfitters	360	390	30	8%	80	110	75
47-4041	Hazardous Materials Removal Workers	100	130	30	30%	30	50	75
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	140	170	30	21%	20	40	75
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,300	1,330	30	2%	300	340	75
51-8031	Water and Liquid Waste Treatment Plant and System Operators	150	180	30	20%	50	80	75
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	190	220	30	16%	60	80	75
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,230	1,260	30	2%	280	310	75
11-9071	Gaming Managers	70	90	20	29%	10	30	102
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	70	80	102
13-1073	Training and Development Specialists	150	170	20	13%	20	50	102
13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	102
15-1051	Computer Systems Analysts	190	210	20	11%	20	40	102
15-1071	Network and Computer Systems Administrators	110	130	20	18%	10	30	102
17-2081	Environmental Engineers	20	40	20	100%	0	20	102
17-2112	Industrial Engineers	450	470	20	4%	110	130	102
19-4031	Chemical Technicians	90	110	20	22%	20	40	102
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	102
23-2011	Paralegals and Legal Assistants	190	210	20	11%	20	30	102
25-1021	Computer Science Teachers, Postsecondary	60	80	20	33%	10	40	102
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	102
25-1123	English Language and Literature Teachers, Postsecondary	50	70	20	40%	10	30	102
25-2042	Special Education Teachers, Middle School	50	70	20	40%	10	30	102
25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40	102
27-3031	Public Relations Specialists	140	160	20	14%	20	40	102
29-2041	Emergency Medical Technicians and Paramedics	200	220	20	10%	20	50	102
31-1013	Psychiatric Aides	160	180	20	13%	20	40	102
31-9094	Medical Transcriptionists	100	120	20	20%	20	40	102

31-9096	Veterinary Assistants and Laboratory Animal Caretakers	90	110	20	22%	20	40	102
33-9031	Gaming Surveillance Officers and Gaming Investigators	60	80	20	33%	10	30	102
35-1011	Chefs and Head Cooks	110	130	20	18%	30	50	102
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	220	240	20	9%	50	70	102
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	150	20	15%	80	90	102
39-3091	Amusement and Recreation Attendants	60	80	20	33%	20	40	102
39-4021	Funeral Attendants	70	90	20	29%	10	40	102
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	250	270	20	8%	70	90	102
47-2031	Carpenters	1,030	1,050	20	2%	170	180	102
49-9011	Mechanical Door Repairers	90	110	20	22%	20	40	102
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	190	210	20	11%	30	50	102
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	720	740	20	3%	200	220	102
51-9022	Grinding and Polishing Workers, Hand	120	140	20	17%	30	50	102
51-9123	Painting, Coating, and Decorating Workers	20	40	20	100%	10	20	102
53-5021	Captains, Mates, and Pilots of Water Vessels	60	80	20	33%	20	40	102
11-9021	Construction Managers	380	390	10	3%	70	80	137
11-9051	Food Service Managers	290	300	10	3%	50	60	137
11-9151	Social and Community Service Managers	110	120	10	9%	20	30	137
13-1051	Cost Estimators	140	150	10	7%	30	40	137
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	90	10	13%	10	20	137
13-2011	Accountants and Auditors	770	780	10	1%	150	160	137
13-2041	Credit Analysts	50	60	10	20%	10	10	137
13-2051	Financial Analysts	60	70	10	17%	10	20	137
13-2072	Loan Officers	160	170	10	6%	30	40	137
13-2082	Tax Preparers	70	80	10	14%	10	30	137
15-1032	Computer Software Engineers, Systems Software	100	110	10	10%	10	20	137
15-1041	Computer Support Specialists	230	240	10	4%	30	40	137
17-1022	Surveyors	70	80	10	14%	20	30	137
17-2031	Biomedical Engineers	20	30	10	50%	0	10	137
17-2071	Electrical Engineers	110	120	10	9%	20	30	137
17-3011	Architectural and Civil Drafters	40	50	10	25%	10	10	137
19-1022	Microbiologists	40	50	10	25%	10	20	137
19-2031	Chemists	60	70	10	17%	20	30	137
19-4021	Biological Technicians	80	90	10	13%	10	20	137
19-4091	Environmental Science and Protection Technicians, Including Health	20	30	10	50%	10	10	137
21-1013	Marriage and Family Therapists	20	30	10	50%	10	10	137
21-1015	Rehabilitation Counselors	20	30	10	50%	10	10	137
21-1022	Medical and Public Health Social Workers	20	30	10	50%	0	10	137
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	137
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	30	137
25-1122	Communications Teachers, Postsecondary	20	30	10	50%	0	10	137
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	50	60	10	20%	10	20	137
25-4031	Library Technicians	50	60	10	20%	20	30	137
27-1023	Floral Designers	60	70	10	17%	10	10	137
27-2022	Coaches and Scouts	20	30	10	50%	0	10	137
27-2032	Choreographers	30	40	10	33%	20	20	137
27-4021	Photographers	80	90	10	13%	20	30	137
29-1063	Internists, General	40	50	10	25%	10	20	137
29-1066	Psychiatrists	50	60	10	20%	10	20	137
29-1067	Surgeons	40	50	10	25%	10	20	137
29-1122	Occupational Therapists	60	70	10	17%	10	20	137
29-1123	Physical Therapists	160	170	10	6%	20	30	137
29-1124	Radiation Therapists	20	30	10	50%	0	10	137
29-1131	Veterinarians	40	50	10	25%	10	20	137
29-2011	Medical and Clinical Laboratory Technologists	100	110	10	10%	30	40	137
29-2012	Medical and Clinical Laboratory Technicians	50	60	10	20%	10	20	137
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	137
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	137
29-2055	Surgical Technologists	70	80	10	14%	10	30	137
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	137
29-2081	Opticians, Dispensing	80	90	10	13%	10	20	137
31-2021	Physical Therapist Assistants	50	60	10	20%	10	20	137
31-9011	Massage Therapists	40	50	10	25%	10	20	137
31-9093	Medical Equipment Preparers	50	60	10	20%	10	20	137
33-3012	Correctional Officers and Jailers	230	240	10	4%	50	60	137
35-3011	Bartenders	430	440	10	2%	170	180	137
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	30	137

39-2021	Nonfarm Animal Caretakers	50	60	10	20%	10	20	137
39-4011	Embalmers	20	30	10	50%	0	10	137
41-3011	Advertising Sales Agents	70	80	10	14%	10	20	137
41-9021	Real Estate Brokers	130	140	10	8%	30	40	137
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	30	137
43-4121	Library Assistants, Clerical	60	70	10	17%	20	40	137
43-4141	New Accounts Clerks	80	90	10	13%	20	30	137
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	160	170	10	6%	30	50	137
43-5011	Cargo and Freight Agents	20	30	10	50%	10	10	137
43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	137
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	100	110	10	10%	30	30	137
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	137
45-2091	Agricultural Equipment Operators	50	60	10	20%	20	20	137
47-2021	Brickmasons and Blockmasons	170	180	10	6%	30	40	137
47-2071	Paving, Surfacing, and Tamping Equipment Operators	140	150	10	7%	20	40	137
47-2121	Glaziers	60	70	10	17%	10	20	137
47-2151	Pipelayers	110	120	10	9%	20	40	137
47-2171	Reinforcing Iron and Rebar Workers	20	30	10	50%	10	10	137
47-2181	Roofers	170	180	10	6%	40	50	137
47-2211	Sheet Metal Workers	90	100	10	11%	20	30	137
47-2221	Structural Iron and Steel Workers	60	70	10	17%	10	20	137
47-3012	Helpers--Carpenters	280	290	10	4%	120	120	137
47-4011	Construction and Building Inspectors	40	50	10	25%	10	10	137
49-2011	Computer, Automated Teller, and Office Machine Repairers	90	100	10	11%	10	20	137
49-3041	Farm Equipment Mechanics	30	40	10	33%	10	10	137
49-9052	Telecommunications Line Installers and Repairers	90	100	10	11%	30	30	137
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	30	137
49-9098	Helpers--Installation, Maintenance, and Repair Workers	110	120	10	9%	40	50	137
51-2022	Electrical and Electronic Equipment Assemblers	90	100	10	11%	20	30	137
51-2023	Electromechanical Equipment Assemblers	20	30	10	50%	0	20	137
51-3011	Bakers	290	300	10	3%	70	70	137
51-3023	Slaughterers and Meat Packers	120	130	10	8%	30	40	137
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	40	50	10	25%	10	20	137
51-3092	Food Batchmakers	70	80	10	14%	20	30	137
51-4012	Numerical Tool and Process Control Programmers	80	90	10	13%	10	20	137
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	60	70	10	17%	10	20	137
51-6092	Fabric and Apparel Patternmakers	110	120	10	9%	50	60	137
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	60	70	10	17%	20	20	137
51-9194	Etchers and Engravers	50	60	10	20%	20	20	137
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	60	70	10	17%	20	20	137
53-3041	Taxi Drivers and Chauffeurs	60	70	10	17%	10	10	137
53-6021	Parking Lot Attendants	80	90	10	13%	20	30	137
53-7011	Conveyor Operators and Tenders	80	90	10	13%	20	30	137
53-7021	Crane and Tower Operators	130	140	10	8%	30	40	137
53-7061	Cleaners of Vehicles and Equipment	360	370	10	3%	130	140	137
11-2011	Advertising and Promotions Managers	70	70	0	0%	10	10	234
11-2021	Marketing Managers	180	180	0	0%	30	30	234
11-2031	Public Relations Managers	60	60	0	0%	10	10	234
11-3011	Administrative Services Managers	130	130	0	0%	30	30	234
11-3021	Computer and Information Systems Managers	210	210	0	0%	40	40	234
11-3031	Financial Managers	410	410	0	0%	60	60	234
11-3040	Human Resources Managers	180	180	0	0%	30	30	234
11-3071	Transportation, Storage, and Distribution Managers	130	130	0	0%	30	30	234
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	40	0	0%	10	20	234
11-9033	Education Administrators, Postsecondary	30	30	0	0%	10	10	234
11-9041	Engineering Managers	240	240	0	0%	50	50	234
11-9061	Funeral Directors	30	30	0	0%	10	10	234
11-9081	Lodging Managers	110	110	0	0%	20	20	234
11-9131	Postmasters and Mail Superintendents	60	60	0	0%	10	10	234
11-9141	Property, Real Estate, and Community Association Managers	90	90	0	0%	20	20	234
11-1031	Legislators	100	100	0	0%	10	10	234
13-1021	Purchasing Agents and Buyers, Farm Products	30	30	0	0%	10	10	234
13-1031	Claims Adjusters, Examiners, and Investigators	40	40	0	0%	10	10	234
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	80	80	0	0%	20	20	234
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	234
13-1111	Management Analysts	270	270	0	0%	40	40	234
13-2031	Budget Analysts	30	30	0	0%	10	10	234

13-2053	Insurance Underwriters	20	20	0	0%	0	0	234
13-2081	Tax Examiners, Collectors, and Revenue Agents	20	20	0	0%	10	10	234
15-1061	Database Administrators	60	60	0	0%	10	10	234
15-1081	Network Systems and Data Communications Analysts	50	50	0	0%	10	10	234
17-1011	Architects, Except Landscape and Naval	30	30	0	0%	0	10	234
17-2051	Civil Engineers	90	90	0	0%	20	20	234
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	234
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	40	40	0	0%	10	10	234
17-2131	Materials Engineers	50	50	0	0%	10	20	234
17-3012	Electrical and Electronics Drafters	20	20	0	0%	10	10	234
17-3024	Electro-Mechanical Technicians	20	20	0	0%	10	10	234
17-3026	Industrial Engineering Technicians	130	130	0	0%	30	30	234
17-3031	Surveying and Mapping Technicians	100	100	0	0%	40	40	234
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	0	234
19-1031	Conservation Scientists	20	20	0	0%	10	10	234
19-3021	Market Research Analysts	120	120	0	0%	30	30	234
19-3051	Urban and Regional Planners	20	20	0	0%	10	10	234
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	234
21-1014	Mental Health Counselors	50	50	0	0%	10	20	234
21-1021	Child, Family, and School Social Workers	300	300	0	0%	50	60	234
21-1091	Health Educators	40	40	0	0%	10	10	234
21-1092	Probation Officers and Correctional Treatment Specialists	50	50	0	0%	10	10	234
23-1011	Lawyers	200	200	0	0%	30	30	234
23-1022	Arbitrators, Mediators, and Conciliators	30	30	0	0%	0	0	234
23-1023	Judges, Magistrate Judges, and Magistrates	40	40	0	0%	10	10	234
23-2091	Court Reporters	30	30	0	0%	0	0	234
23-2092	Law Clerks	40	40	0	0%	0	0	234
25-1032	Engineering Teachers, Postsecondary	30	30	0	0%	10	20	234
25-1121	Art, Drama, and Music Teachers, Postsecondary	20	20	0	0%	0	10	234
25-2032	Vocational Education Teachers, Secondary School	80	80	0	0%	20	30	234
25-4010	Archivists, Curators, and Museum Technicians	20	20	0	0%	0	0	234
25-4021	Librarians	100	100	0	0%	20	30	234
25-9031	Instructional Coordinators	30	30	0	0%	0	10	234
27-1021	Commercial and Industrial Designers	120	120	0	0%	20	20	234
27-1024	Graphic Designers	50	50	0	0%	10	10	234
27-1025	Interior Designers	20	20	0	0%	0	0	234
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	234
27-2031	Dancers	40	40	0	0%	20	20	234
27-3020	News Analysts, Reporters and Correspondents	60	60	0	0%	20	20	234
27-3041	Editors	40	40	0	0%	10	10	234
27-3042	Technical Writers	30	30	0	0%	10	10	234
27-3043	Writers and Authors	30	30	0	0%	10	10	234
29-1011	Chiropractors	50	50	0	0%	10	10	234
29-1020	Dentists	150	150	0	0%	20	30	234
29-1031	Dietitians and Nutritionists	40	40	0	0%	10	10	234
29-1041	Optometrists	40	40	0	0%	10	10	234
29-1065	Pediatricians, General	20	20	0	0%	0	10	234
29-1121	Audiologists	20	20	0	0%	0	10	234
29-1125	Recreational Therapists	20	20	0	0%	10	10	234
29-2032	Diagnostic Medical Sonographers	20	20	0	0%	0	10	234
29-2033	Nuclear Medicine Technologists	20	20	0	0%	0	10	234
29-9010	Occupational Health and Safety Specialists and Technicians	30	30	0	0%	10	10	234
31-2022	Physical Therapist Aides	20	20	0	0%	0	10	234
31-9095	Pharmacy Aides	50	50	0	0%	10	10	234
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	40	0	0%	10	10	234
33-1012	First-Line Supervisors/Managers of Police and Detectives	90	90	0	0%	30	30	234
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	50	50	0	0%	20	30	234
33-3011	Bailiffs	20	20	0	0%	0	0	234
33-3021	Detectives and Criminal Investigators	40	40	0	0%	10	10	234
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	234
33-9091	Crossing Guards	50	50	0	0%	20	20	234
35-2015	Cooks, Short Order	280	280	0	0%	90	90	234
37-2021	Pest Control Workers	20	20	0	0%	0	0	234
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	234
39-6021	Tour Guides and Escorts	20	20	0	0%	10	10	234
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	290	290	0	0%	50	60	234
41-3041	Travel Agents	20	20	0	0%	0	10	234

41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	234
41-9022	Real Estate Sales Agents	140	140	0	0%	30	30	234
41-9031	Sales Engineers	30	30	0	0%	10	10	234
41-9041	Telemarketers	80	80	0	0%	10	20	234
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	30	30	0	0%	10	10	234
43-4011	Brokerage Clerks	20	20	0	0%	0	0	234
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	234
43-5051	Postal Service Clerks	60	60	0	0%	20	20	234
43-5052	Postal Service Mail Carriers	410	410	0	0%	130	130	234
43-6012	Legal Secretaries	70	70	0	0%	10	10	234
43-9031	Desktop Publishers	30	30	0	0%	10	10	234
43-9041	Insurance Claims and Policy Processing Clerks	190	190	0	0%	30	40	234
45-2041	Graders and Sorters, Agricultural Products	20	20	0	0%	10	10	234
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	234
45-4022	Logging Equipment Operators	20	20	0	0%	0	10	234
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	234
47-2022	Stonemasons	20	20	0	0%	0	0	234
47-2041	Carpet Installers	40	40	0	0%	10	10	234
47-2082	Tapers	20	20	0	0%	0	0	234
47-2141	Painters, Construction and Maintenance	140	140	0	0%	20	20	234
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	140	140	0	0%	60	60	234
47-3013	Helpers--Electricians	30	30	0	0%	10	10	234
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	234
47-3016	Helpers--Roofers	80	80	0	0%	30	40	234
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	0	10	234
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	10	234
49-2092	Electric Motor, Power Tool, and Related Repairers	40	40	0	0%	10	10	234
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	30	30	0	0%	10	10	234
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	40	0	0%	10	10	234
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	234
49-3022	Automotive Glass Installers and Repairers	80	80	0	0%	20	20	234
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	10	234
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	234
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	234
49-3093	Tire Repairers and Changers	150	150	0	0%	60	70	234
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	20	20	0	0%	10	10	234
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	234
49-9044	Millwrights	130	130	0	0%	30	30	234
49-9051	Electrical Power-Line Installers and Repairers	180	180	0	0%	60	60	234
51-2021	Coil Winders, Tapers, and Finishers	40	40	0	0%	10	10	234
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	234
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	234
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	400	400	0	0%	130	140	234
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	140	140	0	0%	30	30	234
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,180	1,180	0	0%	300	300	234
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	140	140	0	0%	40	40	234
51-5011	Bindery Workers	20	20	0	0%	10	10	234
51-5021	Job Printers	20	20	0	0%	10	10	234
51-6021	Pressers, Textile, Garment, and Related Materials	20	20	0	0%	0	0	234
51-8012	Power Distributors and Dispatchers	30	30	0	0%	10	10	234
51-8013	Power Plant Operators	120	120	0	0%	30	30	234
51-9011	Chemical Equipment Operators and Tenders	20	20	0	0%	10	10	234
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	180	180	0	0%	50	50	234
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	234
51-9031	Cutters and Trimmers, Hand	20	20	0	0%	0	0	234
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	70	0	0%	10	20	234
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	60	60	0	0%	20	20	234
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	0	234
51-9081	Dental Laboratory Technicians	220	220	0	0%	50	50	234
51-9122	Painters, Transportation Equipment	60	60	0	0%	20	20	234
51-9131	Photographic Process Workers	20	20	0	0%	0	0	234
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	234
53-2012	Commercial Pilots	30	30	0	0%	10	10	234
53-3021	Bus Drivers, Transit and Intercity	40	40	0	0%	10	20	234
53-6031	Service Station Attendants	60	60	0	0%	30	30	234
53-7032	Excavating and Loading Machine and Dragline Operators	70	70	0	0%	20	20	234
53-7033	Loading Machine Operators, Underground Mining	30	30	0	0%	10	10	234

53-7041	Hoist and Winch Operators	20	20	0	0%	10	10	234
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	234
53-7081	Refuse and Recyclable Material Collectors	40	40	0	0%	10	10	234
11-9121	Natural Sciences Managers	40	30	-10	-25%	10	10	393
11-1011	Chief Executives	610	600	-10	-2%	120	120	393
15-1031	Computer Software Engineers, Applications	380	370	-10	-3%	40	40	393
15-2031	Operations Research Analysts	60	50	-10	-17%	10	10	393
17-3022	Civil Engineering Technicians	40	30	-10	-25%	10	10	393
17-3023	Electrical and Electronic Engineering Technicians	160	150	-10	-6%	30	30	393
23-2093	Title Examiners, Abstractors, and Searchers	70	60	-10	-14%	10	10	393
27-1011	Art Directors	20	10	-10	-50%	0	0	393
27-2042	Musicians and Singers	60	50	-10	-17%	10	10	393
27-3010	Announcers	90	80	-10	-11%	20	20	393
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	393
35-2011	Cooks, Fast Food	320	310	-10	-3%	100	100	393
35-3041	Food Servers, Nonrestaurant	110	100	-10	-9%	40	40	393
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	210	-10	-5%	60	60	393
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	40	-10	-20%	10	10	393
43-3021	Billing and Posting Clerks and Machine Operators	380	370	-10	-3%	60	60	393
43-3061	Procurement Clerks	60	50	-10	-17%	20	20	393
43-4041	Credit Authorizers, Checkers, and Clerks	40	30	-10	-25%	10	10	393
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	393
43-4071	File Clerks	120	110	-10	-8%	40	40	393
43-4131	Loan Interviewers and Clerks	110	100	-10	-9%	20	20	393
43-5021	Couriers and Messengers	90	80	-10	-11%	20	20	393
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	100	90	-10	-10%	30	30	393
43-9022	Word Processors and Typists	30	20	-10	-33%	10	10	393
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	50	40	-10	-20%	20	20	393
43-9071	Office Machine Operators, Except Computer	80	70	-10	-13%	20	20	393
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	100	90	-10	-10%	20	20	393
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	20	-10	-33%	10	10	393
49-9031	Home Appliance Repairers	30	20	-10	-33%	10	10	393
51-2031	Engine and Other Machine Assemblers	370	360	-10	-3%	100	100	393
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	150	140	-10	-7%	30	30	393
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	510	-10	-2%	100	100	393
51-4051	Metal-Refining Furnace Operators and Tenders	40	30	-10	-25%	10	10	393
51-4062	Patternmakers, Metal and Plastic	20	10	-10	-50%	10	10	393
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	410	400	-10	-2%	120	120	393
51-4192	Lay-Out Workers, Metal and Plastic	40	30	-10	-25%	10	10	393
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-5%	50	50	393
51-5022	Prepress Technicians and Workers	90	80	-10	-11%	20	20	393
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	393
51-6011	Laundry and Dry-Cleaning Workers	180	170	-10	-6%	50	50	393
51-6031	Sewing Machine Operators	270	260	-10	-4%	30	30	393
51-7011	Cabinetmakers and Bench Carpenters	260	250	-10	-4%	70	70	393
51-7021	Furniture Finishers	70	60	-10	-14%	10	10	393
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	393
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	140	130	-10	-7%	40	40	393
51-8021	Stationary Engineers and Boiler Operators	50	40	-10	-20%	10	10	393
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30	20	-10	-33%	10	10	393
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	280	270	-10	-4%	70	70	393
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	30	20	-10	-33%	0	0	393
53-6051	Transportation Inspectors	20	10	-10	-50%	0	0	393
11-3061	Purchasing Managers	130	110	-20	-15%	30	30	443
15-1021	Computer Programmers	120	100	-20	-17%	30	30	443
17-3013	Mechanical Drafters	260	240	-20	-8%	70	70	443
41-2022	Parts Salespersons	260	240	-20	-8%	70	70	443
43-2011	Switchboard Operators, Including Answering Service	210	190	-20	-10%	50	50	443
43-3051	Payroll and Timekeeping Clerks	250	230	-20	-8%	70	70	443
43-5041	Meter Readers, Utilities	120	100	-20	-17%	40	40	443
43-9061	Office Clerks, General	1,760	1,740	-20	-1%	390	390	443
47-4051	Highway Maintenance Workers	350	330	-20	-6%	50	50	443
51-2041	Structural Metal Fabricators and Fitters	170	150	-20	-12%	40	40	443
51-3021	Butchers and Meat Cutters	140	120	-20	-14%	30	30	443
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	230	210	-20	-9%	70	70	443
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	480	460	-20	-4%	90	90	443
51-4052	Pourers and Casters, Metal	130	110	-20	-15%	30	30	443

51-4194	Tool Grinders, Filers, and Sharpeners	70	50	-20	-29%	20	20	443
51-9196	Paper Goods Machine Setters, Operators, and Tenders	250	230	-20	-8%	50	50	443
53-3031	Driver/Sales Workers	170	150	-20	-12%	30	30	443
43-4151	Order Clerks	140	110	-30	-21%	30	30	460
51-4111	Tool and Die Makers	490	460	-30	-6%	110	110	460
51-9191	Cementing and Gluing Machine Operators and Tenders	170	140	-30	-18%	50	50	460
53-7051	Industrial Truck and Tractor Operators	1,450	1,420	-30	-2%	270	270	460
53-7063	Machine Feeders and Offbearers	490	460	-30	-6%	130	130	460
17-3027	Mechanical Engineering Technicians	340	300	-40	-12%	70	70	465
35-2012	Cooks, Institution and Cafeteria	670	630	-40	-6%	210	210	465
41-2031	Retail Salespersons	3,250	3,200	-50	-2%	1,180	1,180	467
43-9021	Data Entry Keyers	200	150	-50	-25%	50	50	467
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,540	1,480	-60	-4%	280	280	469
17-2141	Mechanical Engineers	700	630	-70	-10%	190	190	470
43-9011	Computer Operators	200	130	-70	-35%	40	40	470
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,250	1,170	-80	-6%	270	270	472
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,730	1,650	-80	-5%	320	320	472
43-5071	Shipping, Receiving, and Traffic Clerks	1,020	940	-80	-8%	210	210	472
41-2011	Cashiers	2,990	2,900	-90	-3%	1,450	1,450	475
29-2053	Psychiatric Technicians	430	330	-100	-23%	60	60	476
43-6011	Executive Secretaries and Administrative Assistants	1,260	1,160	-100	-8%	240	240	476
13-1022	Wholesale and Retail Buyers, Except Farm Products	380	270	-110	-29%	100	100	478
43-6014	Secretaries, Except Legal, Medical, and Executive	1,600	1,490	-110	-7%	310	310	478
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,070	-160	-7%	730	730	480
43-5081	Stock Clerks and Order Fillers	1,800	1,520	-280	-16%	660	660	481
51-2092	Team Assemblers	5,560	4,940	-620	-11%	1,440	1,440	482

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 09

Ranked by Total Openings 2002-2012

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	Rank
	Total, All Occupations	137,670	146,150	8,480	6%	33,800	45,740	
17-2081	Environmental Engineers	20	40	20	100%	0	20	1
51-9123	Painting, Coating, and Decorating Workers	20	40	20	100%	10	20	1
29-1071	Physician Assistants	40	70	30	75%	10	30	3
31-9092	Medical Assistants	250	410	160	64%	50	210	4
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	130	200	70	54%	30	100	5
17-2031	Biomedical Engineers	20	30	10	50%	0	10	6
19-4091	Environmental Science and Protection Technicians, Including Health	20	30	10	50%	10	10	6
21-1013	Marriage and Family Therapists	20	30	10	50%	10	10	6
21-1015	Rehabilitation Counselors	20	30	10	50%	10	10	6
21-1022	Medical and Public Health Social Workers	20	30	10	50%	0	10	6
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	6
25-1011	Business Teachers, Postsecondary	60	90	30	50%	10	40	6
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	6
25-1122	Communications Teachers, Postsecondary	20	30	10	50%	0	10	6
27-2022	Coaches and Scouts	20	30	10	50%	0	10	6
29-1124	Radiation Therapists	20	30	10	50%	0	10	6
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	6
39-4011	Embalmers	20	30	10	50%	0	10	6
43-5011	Cargo and Freight Agents	20	30	10	50%	10	10	6
47-2171	Reinforcing Iron and Rebar Workers	20	30	10	50%	10	10	6
51-2023	Electromechanical Equipment Assemblers	20	30	10	50%	0	20	6
21-1093	Social and Human Service Assistants	180	260	80	44%	30	110	22
29-2021	Dental Hygienists	210	300	90	43%	20	100	23
31-9091	Dental Assistants	190	270	80	42%	50	130	24
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	25
25-1123	English Language and Literature Teachers, Postsecondary	50	70	20	40%	10	30	25
25-2042	Special Education Teachers, Middle School	50	70	20	40%	10	30	25
29-2071	Medical Records and Health Information Technicians	200	280	80	40%	30	110	25
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,310	4,600	1,290	39%	540	1,830	29
39-9021	Personal and Home Care Aides	390	540	150	38%	60	210	30
41-2012	Gaming Change Persons and Booth Cashiers	210	290	80	38%	100	180	31
39-3011	Gaming Dealers	710	970	260	37%	220	480	32
39-9031	Fitness Trainers and Aerobics Instructors	110	150	40	36%	20	70	33
31-1011	Home Health Aides	460	620	160	35%	60	230	34
25-1021	Computer Science Teachers, Postsecondary	60	80	20	33%	10	40	35
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	180	240	60	33%	40	100	35
27-2032	Choreographers	30	40	10	33%	20	20	35
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	35
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	35
33-9031	Gaming Surveillance Officers and Gaming Investigators	60	80	20	33%	10	30	35
39-3091	Amusement and Recreation Attendants	60	80	20	33%	20	40	35
49-3041	Farm Equipment Mechanics	30	40	10	33%	10	10	35
53-5021	Captains, Mates, and Pilots of Water Vessels	60	80	20	33%	20	40	35
25-3021	Self-Enrichment Education Teachers	130	170	40	31%	20	60	44
19-3031	Clinical, Counseling, and School Psychologists	100	130	30	30%	20	60	45
29-1126	Respiratory Therapists	200	260	60	30%	60	130	45
47-4041	Hazardous Materials Removal Workers	100	130	30	30%	30	50	45
11-9071	Gaming Managers	70	90	20	29%	10	30	48
25-2012	Kindergarten Teachers, Except Special Education	140	180	40	29%	20	60	48
25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40	48
39-4021	Funeral Attendants	70	90	20	29%	10	40	48
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	400	510	110	28%	100	210	52
39-1011	Gaming Supervisors	330	420	90	27%	70	160	53
43-5032	Dispatchers, Except Police, Fire, and Ambulance	110	140	30	27%	20	50	53

17-3011	Architectural and Civil Drafters	40	50	10	25%	10	10	55
19-1022	Microbiologists	40	50	10	25%	10	20	55
29-1062	Family and General Practitioners	160	200	40	25%	20	60	55
29-1063	Internists, General	40	50	10	25%	10	20	55
29-1067	Surgeons	40	50	10	25%	10	20	55
29-1131	Veterinarians	40	50	10	25%	10	20	55
31-9011	Massage Therapists	40	50	10	25%	10	20	55
39-1012	Slot Key Persons	120	150	30	25%	30	60	55
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	55
47-4011	Construction and Building Inspectors	40	50	10	25%	10	10	55
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	40	50	10	25%	10	20	55
11-9111	Medical and Health Services Managers	330	410	80	24%	60	150	66
11-9032	Education Administrators, Elementary and Secondary School	170	210	40	24%	40	80	67
29-1111	Registered Nurses	1,600	1,970	370	23%	340	710	68
13-1071	Employment, Recruitment, and Placement Specialists	130	160	30	23%	20	50	69
25-9041	Teacher Assistants	1,010	1,240	230	23%	200	420	70
43-4171	Receptionists and Information Clerks	750	920	170	23%	180	350	71
43-3041	Gaming Cage Workers	490	600	110	22%	240	350	72
13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	73
19-4031	Chemical Technicians	90	110	20	22%	20	40	73
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	90	110	20	22%	20	40	73
49-9011	Mechanical Door Repairers	90	110	20	22%	20	40	73
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	230	280	50	22%	70	120	77
29-1127	Speech-Language Pathologists	140	170	30	21%	30	70	78
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	140	170	30	21%	20	40	78
25-2011	Preschool Teachers, Except Special Education	240	290	50	21%	30	80	80
13-2041	Credit Analysts	50	60	10	20%	10	10	81
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	30	81
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	50	60	10	20%	10	20	81
25-4031	Library Technicians	50	60	10	20%	20	30	81
29-1066	Psychiatrists	50	60	10	20%	10	20	81
29-2012	Medical and Clinical Laboratory Technicians	50	60	10	20%	10	20	81
31-2021	Physical Therapist Assistants	50	60	10	20%	10	20	81
31-9093	Medical Equipment Preparers	50	60	10	20%	10	20	81
31-9094	Medical Transcriptionists	100	120	20	20%	20	40	81
39-2021	Nonfarm Animal Caretakers	50	60	10	20%	10	20	81
43-3011	Bill and Account Collectors	150	180	30	20%	30	60	81
45-2091	Agricultural Equipment Operators	50	60	10	20%	20	20	81
51-8031	Water and Liquid Waste Treatment Plant and System Operators	150	180	30	20%	50	80	81
51-9194	Etchers and Engravers	50	60	10	20%	20	20	81
25-2031	Secondary School Teachers, Except Special and Vocational Education	610	730	120	20%	170	290	95
11-9011	Farm, Ranch, and Other Agricultural Managers	210	250	40	19%	40	80	96
15-1071	Network and Computer Systems Administrators	110	130	20	18%	10	30	97
35-1011	Chefs and Head Cooks	110	130	20	18%	30	50	97
21-1012	Educational, Vocational, and School Counselors	170	200	30	18%	40	70	99
29-2034	Radiologic Technologists and Technicians	170	200	30	18%	30	60	99
13-2051	Financial Analysts	60	70	10	17%	10	20	101
19-2031	Chemists	60	70	10	17%	20	30	101
27-1023	Floral Designers	60	70	10	17%	10	10	101
29-1122	Occupational Therapists	60	70	10	17%	10	20	101
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	420	60	17%	230	300	101
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	30	101
43-4121	Library Assistants, Clerical	60	70	10	17%	20	40	101
47-2121	Glaziers	60	70	10	17%	10	20	101
47-2221	Structural Iron and Steel Workers	60	70	10	17%	10	20	101
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	60	70	10	17%	10	20	101
51-9022	Grinding and Polishing Workers, Hand	120	140	20	17%	30	50	101
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	60	70	10	17%	20	20	101
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	60	70	10	17%	20	20	101
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	240	280	40	17%	60	90	101
53-3041	Taxi Drivers and Chauffeurs	60	70	10	17%	10	10	101
51-4121	Welders, Cutters, Solderers, and Brazers	430	500	70	16%	120	190	116
35-2014	Cooks, Restaurant	800	930	130	16%	250	380	117
25-2021	Elementary School Teachers, Except Special Education	1,360	1,580	220	16%	300	520	118
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	310	360	50	16%	100	150	119
33-3051	Police and Sheriff's Patrol Officers	440	510	70	16%	110	190	120
29-1051	Pharmacists	190	220	30	16%	40	60	121

39-9032	Recreation Workers	190	220	30	16%	40	70	121
47-2051	Cement Masons and Concrete Finishers	190	220	30	16%	40	70	121
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	190	220	30	16%	60	80	121
53-3022	Bus Drivers, School	770	890	120	16%	170	290	125
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	450	520	70	16%	120	180	126
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	150	20	15%	80	90	127
47-2073	Operating Engineers and Other Construction Equipment Operators	330	380	50	15%	90	130	128
31-1012	Nursing Aides, Orderlies, and Attendants	1,260	1,450	190	15%	170	360	129
29-2052	Pharmacy Technicians	200	230	30	15%	30	60	130
33-2011	Fire Fighters	340	390	50	15%	100	150	131
11-2022	Sales Managers	210	240	30	14%	40	60	132
13-2082	Tax Preparers	70	80	10	14%	10	30	132
17-1022	Surveyors	70	80	10	14%	20	30	132
27-3031	Public Relations Specialists	140	160	20	14%	20	40	132
29-2055	Surgical Technologists	70	80	10	14%	10	30	132
39-5012	Hairdressers, Hairstylists, and Cosmetologists	630	720	90	14%	120	210	132
41-3011	Advertising Sales Agents	70	80	10	14%	10	20	132
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	30	132
51-3092	Food Batchmakers	70	80	10	14%	20	30	132
35-3031	Waiters and Waitresses	2,320	2,640	320	14%	1,190	1,520	141
43-4081	Hotel, Motel, and Resort Desk Clerks	220	250	30	14%	100	120	142
13-1073	Training and Development Specialists	150	170	20	13%	20	50	143
35-2021	Food Preparation Workers	1,050	1,190	140	13%	370	520	143
53-7064	Packers and Packagers, Hand	1,700	1,920	220	13%	320	530	145
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,400	2,710	310	13%	1,040	1,350	146
25-2022	Middle School Teachers, Except Special and Vocational Education	310	350	40	13%	70	100	147
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	90	10	13%	10	20	148
19-4021	Biological Technicians	80	90	10	13%	10	20	148
27-4021	Photographers	80	90	10	13%	20	30	148
29-2081	Opticians, Dispensing	80	90	10	13%	10	20	148
31-1013	Psychiatric Aides	160	180	20	13%	20	40	148
43-4141	New Accounts Clerks	80	90	10	13%	20	30	148
51-4012	Numerical Tool and Process Control Programmers	80	90	10	13%	10	20	148
53-6021	Parking Lot Attendants	80	90	10	13%	20	30	148
53-7011	Conveyor Operators and Tenders	80	90	10	13%	20	30	148
51-9111	Packaging and Filling Machine Operators and Tenders	580	650	70	12%	110	190	157
29-2061	Licensed Practical and Licensed Vocational Nurses	1,080	1,210	130	12%	240	370	158
41-2021	Counter and Rental Clerks	420	470	50	12%	160	220	159
37-3011	Landscaping and Groundskeeping Workers	780	870	90	12%	170	260	160
43-3071	Tellers	520	580	60	12%	260	320	160
33-9032	Security Guards	610	680	70	11%	130	210	162
49-9042	Maintenance and Repair Workers, General	1,840	2,050	210	11%	350	560	163
47-2211	Sheet Metal Workers	90	100	10	11%	20	30	164
49-2011	Computer, Automated Teller, and Office Machine Repairers	90	100	10	11%	10	20	164
49-9052	Telecommunications Line Installers and Repairers	90	100	10	11%	30	30	164
51-2022	Electrical and Electronic Equipment Assemblers	90	100	10	11%	20	30	164
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	550	610	60	11%	160	210	168
35-9021	Dishwashers	470	520	50	11%	160	210	169
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	520	50	11%	120	170	169
15-1051	Computer Systems Analysts	190	210	20	11%	20	40	171
23-2011	Paralegals and Legal Assistants	190	210	20	11%	20	30	171
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	190	210	20	11%	30	50	171
53-3033	Truck Drivers, Light or Delivery Services	960	1,060	100	10%	90	190	174
41-3021	Insurance Sales Agents	290	320	30	10%	70	100	175
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,750	1,930	180	10%	370	540	176
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,870	2,060	190	10%	360	550	177
15-1032	Computer Software Engineers, Systems Software	100	110	10	10%	10	20	178
29-2011	Medical and Clinical Laboratory Technologists	100	110	10	10%	30	40	178
29-2041	Emergency Medical Technicians and Paramedics	200	220	20	10%	20	50	178
43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	178
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	100	110	10	10%	30	30	178
47-2111	Electricians	820	900	80	10%	160	240	183
51-9198	Helpers--Production Workers	1,850	2,020	170	9%	520	680	184
11-9151	Social and Community Service Managers	110	120	10	9%	20	30	185
17-2071	Electrical Engineers	110	120	10	9%	20	30	185
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	220	240	20	9%	50	70	185
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	30	185

43-6013	Medical Secretaries	330	360	30	9%	60	100	185
47-2151	Pipelayers	110	120	10	9%	20	40	185
49-9098	Helpers--Installation, Maintenance, and Repair Workers	110	120	10	9%	40	50	185
51-6092	Fabric and Apparel Patternmakers	110	120	10	9%	50	60	185
47-2061	Construction Laborers	710	770	60	8%	100	150	193
39-9011	Child Care Workers	600	650	50	8%	160	210	194
47-2152	Plumbers, Pipefitters, and Steamfitters	360	390	30	8%	80	110	194
51-3023	Slaughterers and Meat Packers	120	130	10	8%	30	40	194
11-3051	Industrial Production Managers	370	400	30	8%	70	100	197
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	870	940	70	8%	210	270	198
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	250	270	20	8%	70	90	199
43-5061	Production, Planning, and Expediting Clerks	380	410	30	8%	90	120	200
49-9041	Industrial Machinery Mechanics	510	550	40	8%	100	140	201
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	70	80	202
41-9021	Real Estate Brokers	130	140	10	8%	30	40	202
53-7021	Crane and Tower Operators	130	140	10	8%	30	40	202
11-1021	General and Operations Managers	1,900	2,040	140	7%	360	500	205
13-1051	Cost Estimators	140	150	10	7%	30	40	206
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	700	750	50	7%	120	170	206
47-2071	Paving, Surfacing, and Tamping Equipment Operators	140	150	10	7%	20	40	206
49-3023	Automotive Service Technicians and Mechanics	610	650	40	7%	160	210	209
37-2012	Maids and Housekeeping Cleaners	1,680	1,790	110	7%	350	460	210
13-2072	Loan Officers	160	170	10	6%	30	40	211
29-1123	Physical Therapists	160	170	10	6%	20	30	211
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	160	170	10	6%	30	50	211
47-2021	Brickmasons and Blockmasons	170	180	10	6%	30	40	214
47-2181	Roofers	170	180	10	6%	40	50	214
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	770	810	40	5%	200	240	216
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,060	1,110	50	5%	180	220	217
51-4041	Machinists	1,080	1,130	50	5%	250	300	218
17-2112	Industrial Engineers	450	470	20	4%	110	130	219
15-1041	Computer Support Specialists	230	240	10	4%	30	40	220
33-3012	Correctional Officers and Jailers	230	240	10	4%	50	60	220
43-4051	Customer Service Representatives	1,050	1,090	40	4%	160	200	222
47-3012	Helpers--Carpenters	280	290	10	4%	120	120	223
11-9051	Food Service Managers	290	300	10	3%	50	60	224
51-3011	Bakers	290	300	10	3%	70	70	224
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	720	740	20	3%	200	220	226
53-7061	Cleaners of Vehicles and Equipment	360	370	10	3%	130	140	226
11-9021	Construction Managers	380	390	10	3%	70	80	228
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,230	1,260	30	2%	280	310	229
35-3011	Bartenders	430	440	10	2%	170	180	230
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,300	1,330	30	2%	300	340	231
47-2031	Carpenters	1,030	1,050	20	2%	170	180	232
13-2011	Accountants and Auditors	770	780	10	1%	150	160	233
11-2011	Advertising and Promotions Managers	70	70	0	0%	10	10	234
11-2021	Marketing Managers	180	180	0	0%	30	30	234
11-2031	Public Relations Managers	60	60	0	0%	10	10	234
11-3011	Administrative Services Managers	130	130	0	0%	30	30	234
11-3021	Computer and Information Systems Managers	210	210	0	0%	40	40	234
11-3031	Financial Managers	410	410	0	0%	60	60	234
11-3040	Human Resources Managers	180	180	0	0%	30	30	234
11-3071	Transportation, Storage, and Distribution Managers	130	130	0	0%	30	30	234
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	40	0	0%	10	20	234
11-9033	Education Administrators, Postsecondary	30	30	0	0%	10	10	234
11-9041	Engineering Managers	240	240	0	0%	50	50	234
11-9061	Funeral Directors	30	30	0	0%	10	10	234
11-9081	Lodging Managers	110	110	0	0%	20	20	234
11-9131	Postmasters and Mail Superintendents	60	60	0	0%	10	10	234
11-9141	Property, Real Estate, and Community Association Managers	90	90	0	0%	20	20	234
11-1031	Legislators	100	100	0	0%	10	10	234
13-1021	Purchasing Agents and Buyers, Farm Products	30	30	0	0%	10	10	234
13-1031	Claims Adjusters, Examiners, and Investigators	40	40	0	0%	10	10	234
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	80	80	0	0%	20	20	234
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	234
13-1111	Management Analysts	270	270	0	0%	40	40	234
13-2031	Budget Analysts	30	30	0	0%	10	10	234

13-2053	Insurance Underwriters	20	20	0	0%	0	0	234
13-2081	Tax Examiners, Collectors, and Revenue Agents	20	20	0	0%	10	10	234
15-1061	Database Administrators	60	60	0	0%	10	10	234
15-1081	Network Systems and Data Communications Analysts	50	50	0	0%	10	10	234
17-1011	Architects, Except Landscape and Naval	30	30	0	0%	0	10	234
17-2051	Civil Engineers	90	90	0	0%	20	20	234
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	234
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	40	40	0	0%	10	10	234
17-2131	Materials Engineers	50	50	0	0%	10	20	234
17-3012	Electrical and Electronics Drafters	20	20	0	0%	10	10	234
17-3024	Electro-Mechanical Technicians	20	20	0	0%	10	10	234
17-3026	Industrial Engineering Technicians	130	130	0	0%	30	30	234
17-3031	Surveying and Mapping Technicians	100	100	0	0%	40	40	234
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	0	234
19-1031	Conservation Scientists	20	20	0	0%	10	10	234
19-3021	Market Research Analysts	120	120	0	0%	30	30	234
19-3051	Urban and Regional Planners	20	20	0	0%	10	10	234
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	234
21-1014	Mental Health Counselors	50	50	0	0%	10	20	234
21-1021	Child, Family, and School Social Workers	300	300	0	0%	50	60	234
21-1091	Health Educators	40	40	0	0%	10	10	234
21-1092	Probation Officers and Correctional Treatment Specialists	50	50	0	0%	10	10	234
23-1011	Lawyers	200	200	0	0%	30	30	234
23-1022	Arbitrators, Mediators, and Conciliators	30	30	0	0%	0	0	234
23-1023	Judges, Magistrate Judges, and Magistrates	40	40	0	0%	10	10	234
23-2091	Court Reporters	30	30	0	0%	0	0	234
23-2092	Law Clerks	40	40	0	0%	0	0	234
25-1032	Engineering Teachers, Postsecondary	30	30	0	0%	10	20	234
25-1121	Art, Drama, and Music Teachers, Postsecondary	20	20	0	0%	0	10	234
25-2032	Vocational Education Teachers, Secondary School	80	80	0	0%	20	30	234
25-4010	Archivists, Curators, and Museum Technicians	20	20	0	0%	0	0	234
25-4021	Librarians	100	100	0	0%	20	30	234
25-9031	Instructional Coordinators	30	30	0	0%	0	10	234
27-1021	Commercial and Industrial Designers	120	120	0	0%	20	20	234
27-1024	Graphic Designers	50	50	0	0%	10	10	234
27-1025	Interior Designers	20	20	0	0%	0	0	234
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	234
27-2031	Dancers	40	40	0	0%	20	20	234
27-3020	News Analysts, Reporters and Correspondents	60	60	0	0%	20	20	234
27-3041	Editors	40	40	0	0%	10	10	234
27-3042	Technical Writers	30	30	0	0%	10	10	234
27-3043	Writers and Authors	30	30	0	0%	10	10	234
29-1011	Chiropractors	50	50	0	0%	10	10	234
29-1020	Dentists	150	150	0	0%	20	30	234
29-1031	Dietitians and Nutritionists	40	40	0	0%	10	10	234
29-1041	Optometrists	40	40	0	0%	10	10	234
29-1065	Pediatricians, General	20	20	0	0%	0	10	234
29-1121	Audiologists	20	20	0	0%	0	10	234
29-1125	Recreational Therapists	20	20	0	0%	10	10	234
29-2032	Diagnostic Medical Sonographers	20	20	0	0%	0	10	234
29-2033	Nuclear Medicine Technologists	20	20	0	0%	0	10	234
29-9010	Occupational Health and Safety Specialists and Technicians	30	30	0	0%	10	10	234
31-2022	Physical Therapist Aides	20	20	0	0%	0	10	234
31-9095	Pharmacy Aides	50	50	0	0%	10	10	234
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	40	0	0%	10	10	234
33-1012	First-Line Supervisors/Managers of Police and Detectives	90	90	0	0%	30	30	234
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	50	50	0	0%	20	30	234
33-3011	Bailiffs	20	20	0	0%	0	0	234
33-3021	Detectives and Criminal Investigators	40	40	0	0%	10	10	234
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	234
33-9091	Crossing Guards	50	50	0	0%	20	20	234
35-2015	Cooks, Short Order	280	280	0	0%	90	90	234
37-2021	Pest Control Workers	20	20	0	0%	0	0	234
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	234
39-6021	Tour Guides and Escorts	20	20	0	0%	10	10	234
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	290	290	0	0%	50	60	234
41-3041	Travel Agents	20	20	0	0%	0	10	234

41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	234
41-9022	Real Estate Sales Agents	140	140	0	0%	30	30	234
41-9031	Sales Engineers	30	30	0	0%	10	10	234
41-9041	Telemarketers	80	80	0	0%	10	20	234
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	30	30	0	0%	10	10	234
43-4011	Brokerage Clerks	20	20	0	0%	0	0	234
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	234
43-5051	Postal Service Clerks	60	60	0	0%	20	20	234
43-5052	Postal Service Mail Carriers	410	410	0	0%	130	130	234
43-6012	Legal Secretaries	70	70	0	0%	10	10	234
43-9031	Desktop Publishers	30	30	0	0%	10	10	234
43-9041	Insurance Claims and Policy Processing Clerks	190	190	0	0%	30	40	234
45-2041	Graders and Sorters, Agricultural Products	20	20	0	0%	10	10	234
45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	234
45-4022	Logging Equipment Operators	20	20	0	0%	0	10	234
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	234
47-2022	Stonemasons	20	20	0	0%	0	0	234
47-2041	Carpet Installers	40	40	0	0%	10	10	234
47-2082	Tapers	20	20	0	0%	0	0	234
47-2141	Painters, Construction and Maintenance	140	140	0	0%	20	20	234
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	140	140	0	0%	60	60	234
47-3013	Helpers--Electricians	30	30	0	0%	10	10	234
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	234
47-3016	Helpers--Roofers	80	80	0	0%	30	40	234
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	0	10	234
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	10	234
49-2092	Electric Motor, Power Tool, and Related Repairers	40	40	0	0%	10	10	234
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	30	30	0	0%	10	10	234
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	40	0	0%	10	10	234
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	234
49-3022	Automotive Glass Installers and Repairers	80	80	0	0%	20	20	234
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	10	234
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	234
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	234
49-3093	Tire Repairers and Changers	150	150	0	0%	60	70	234
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	20	20	0	0%	10	10	234
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	234
49-9044	Millwrights	130	130	0	0%	30	30	234
49-9051	Electrical Power-Line Installers and Repairers	180	180	0	0%	60	60	234
51-2021	Coil Winders, Tapers, and Finishers	40	40	0	0%	10	10	234
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	234
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	234
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	400	400	0	0%	130	140	234
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	140	140	0	0%	30	30	234
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,180	1,180	0	0%	300	300	234
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	140	140	0	0%	40	40	234
51-5011	Bindery Workers	20	20	0	0%	10	10	234
51-5021	Job Printers	20	20	0	0%	10	10	234
51-6021	Pressers, Textile, Garment, and Related Materials	20	20	0	0%	0	0	234
51-8012	Power Distributors and Dispatchers	30	30	0	0%	10	10	234
51-8013	Power Plant Operators	120	120	0	0%	30	30	234
51-9011	Chemical Equipment Operators and Tenders	20	20	0	0%	10	10	234
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	180	180	0	0%	50	50	234
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	234
51-9031	Cutters and Trimmers, Hand	20	20	0	0%	0	0	234
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	70	0	0%	10	20	234
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	60	60	0	0%	20	20	234
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	0	234
51-9081	Dental Laboratory Technicians	220	220	0	0%	50	50	234
51-9122	Painters, Transportation Equipment	60	60	0	0%	20	20	234
51-9131	Photographic Process Workers	20	20	0	0%	0	0	234
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	234
53-2012	Commercial Pilots	30	30	0	0%	10	10	234
53-3021	Bus Drivers, Transit and Intercity	40	40	0	0%	10	20	234
53-6031	Service Station Attendants	60	60	0	0%	30	30	234
53-7032	Excavating and Loading Machine and Dragline Operators	70	70	0	0%	20	20	234
53-7033	Loading Machine Operators, Underground Mining	30	30	0	0%	10	10	234

53-7041	Hoist and Winch Operators	20	20	0	0%	10	10	234
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	234
53-7081	Refuse and Recyclable Material Collectors	40	40	0	0%	10	10	234
43-9061	Office Clerks, General	1,760	1,740	-20	-1%	390	390	393
41-2031	Retail Salespersons	3,250	3,200	-50	-2%	1,180	1,180	394
11-1011	Chief Executives	610	600	-10	-2%	120	120	395
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	510	-10	-2%	100	100	396
53-7051	Industrial Truck and Tractor Operators	1,450	1,420	-30	-2%	270	270	397
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	410	400	-10	-2%	120	120	398
15-1031	Computer Software Engineers, Applications	380	370	-10	-3%	40	40	399
43-3021	Billing and Posting Clerks and Machine Operators	380	370	-10	-3%	60	60	399
51-2031	Engine and Other Machine Assemblers	370	360	-10	-3%	100	100	401
41-2011	Cashiers	2,990	2,900	-90	-3%	1,450	1,450	402
35-2011	Cooks, Fast Food	320	310	-10	-3%	100	100	403
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	280	270	-10	-4%	70	70	404
51-6031	Sewing Machine Operators	270	260	-10	-4%	30	30	405
51-7011	Cabinetmakers and Bench Carpenters	260	250	-10	-4%	70	70	406
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,540	1,480	-60	-4%	280	280	407
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plas	480	460	-20	-4%	90	90	408
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	409
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	210	-10	-5%	60	60	410
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,730	1,650	-80	-5%	320	320	411
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-5%	50	50	412
51-6011	Laundry and Dry-Cleaning Workers	180	170	-10	-6%	50	50	413
47-4051	Highway Maintenance Workers	350	330	-20	-6%	50	50	414
35-2012	Cooks, Institution and Cafeteria	670	630	-40	-6%	210	210	415
51-4111	Tool and Die Makers	490	460	-30	-6%	110	110	416
53-7063	Machine Feeders and Offbearers	490	460	-30	-6%	130	130	416
17-3023	Electrical and Electronic Engineering Technicians	160	150	-10	-6%	30	30	418
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,250	1,170	-80	-6%	270	270	419
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	150	140	-10	-7%	30	30	420
43-6014	Secretaries, Except Legal, Medical, and Executive	1,600	1,490	-110	-7%	310	310	421
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	140	130	-10	-7%	40	40	422
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,070	-160	-7%	730	730	423
17-3013	Mechanical Drafters	260	240	-20	-8%	70	70	424
41-2022	Parts Salespersons	260	240	-20	-8%	70	70	424
43-5071	Shipping, Receiving, and Traffic Clerks	1,020	940	-80	-8%	210	210	426
43-6011	Executive Secretaries and Administrative Assistants	1,260	1,160	-100	-8%	240	240	427
43-3051	Payroll and Timekeeping Clerks	250	230	-20	-8%	70	70	428
51-9196	Paper Goods Machine Setters, Operators, and Tenders	250	230	-20	-8%	50	50	428
43-4071	File Clerks	120	110	-10	-8%	40	40	430
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	430
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	230	210	-20	-9%	70	70	432
35-3041	Food Servers, Nonrestaurant	110	100	-10	-9%	40	40	433
43-4131	Loan Interviewers and Clerks	110	100	-10	-9%	20	20	433
43-2011	Switchboard Operators, Including Answering Service	210	190	-20	-10%	50	50	435
17-2141	Mechanical Engineers	700	630	-70	-10%	190	190	436
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	100	90	-10	-10%	30	30	436
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	100	90	-10	-10%	20	20	436
27-3010	Announcers	90	80	-10	-11%	20	20	439
43-5021	Couriers and Messengers	90	80	-10	-11%	20	20	439
51-5022	Prepress Technicians and Workers	90	80	-10	-11%	20	20	439
51-2092	Team Assemblers	5,560	4,940	-620	-11%	1,440	1,440	442
17-3027	Mechanical Engineering Technicians	340	300	-40	-12%	70	70	443
51-2041	Structural Metal Fabricators and Fitters	170	150	-20	-12%	40	40	443
53-3031	Driver/Sales Workers	170	150	-20	-12%	30	30	443
43-9071	Office Machine Operators, Except Computer	80	70	-10	-13%	20	20	446
23-2093	Title Examiners, Abstractors, and Searchers	70	60	-10	-14%	10	10	447
51-3021	Butchers and Meat Cutters	140	120	-20	-14%	30	30	447
51-7021	Furniture Finishers	70	60	-10	-14%	10	10	447
11-3061	Purchasing Managers	130	110	-20	-15%	30	30	450
51-4052	Pourers and Casters, Metal	130	110	-20	-15%	30	30	450
43-5081	Stock Clerks and Order Fillers	1,800	1,520	-280	-16%	660	660	452
15-1021	Computer Programmers	120	100	-20	-17%	30	30	453
15-2031	Operations Research Analysts	60	50	-10	-17%	10	10	453
27-2042	Musicians and Singers	60	50	-10	-17%	10	10	453
43-3061	Procurement Clerks	60	50	-10	-17%	20	20	453

43-5041	Meter Readers, Utilities	120	100	-20	-17%	40	40	453
51-9191	Cementing and Gluing Machine Operators and Tenders	170	140	-30	-18%	50	50	458
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	40	-10	-20%	10	10	459
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	459
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	50	40	-10	-20%	20	20	459
51-8021	Stationary Engineers and Boiler Operators	50	40	-10	-20%	10	10	459
43-4151	Order Clerks	140	110	-30	-21%	30	30	463
29-2053	Psychiatric Technicians	430	330	-100	-23%	60	60	464
11-9121	Natural Sciences Managers	40	30	-10	-25%	10	10	465
17-3022	Civil Engineering Technicians	40	30	-10	-25%	10	10	465
43-4041	Credit Authorizers, Checkers, and Clerks	40	30	-10	-25%	10	10	465
43-9021	Data Entry Keyers	200	150	-50	-25%	50	50	465
51-4051	Metal-Refining Furnace Operators and Tenders	40	30	-10	-25%	10	10	465
51-4192	Lay-Out Workers, Metal and Plastic	40	30	-10	-25%	10	10	465
51-4194	Tool Grinders, Filers, and Sharpeners	70	50	-20	-29%	20	20	471
13-1022	Wholesale and Retail Buyers, Except Farm Products	380	270	-110	-29%	100	100	472
43-9022	Word Processors and Typists	30	20	-10	-33%	10	10	473
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	20	-10	-33%	10	10	473
49-9031	Home Appliance Repairers	30	20	-10	-33%	10	10	473
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30	20	-10	-33%	10	10	473
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	30	20	-10	-33%	0	0	473
43-9011	Computer Operators	200	130	-70	-35%	40	40	478
27-1011	Art Directors	20	10	-10	-50%	0	0	479
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	479
51-4062	Patternmakers, Metal and Plastic	20	10	-10	-50%	10	10	479
53-6051	Transportation Inspectors	20	10	-10	-50%	0	0	479

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 09

Ranked by Total Openings 2002-2012

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	Rank
	Total, All Occupations	137,670	146,150	8,480	6%	33,800	45,740	
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,310	4,600	1,290	39%	540	1,830	1
35-3031	Waiters and Waitresses	2,320	2,640	320	14%	1,190	1,520	2
41-2011	Cashiers	2,990	2,900	-90	-3%	1,450	1,450	3
51-2092	Team Assemblers	5,560	4,940	-620	-11%	1,440	1,440	4
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,400	2,710	310	13%	1,040	1,350	5
41-2031	Retail Salespersons	3,250	3,200	-50	-2%	1,180	1,180	6
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,070	-160	-7%	730	730	7
29-1111	Registered Nurses	1,600	1,970	370	23%	340	710	8
51-9198	Helpers--Production Workers	1,850	2,020	170	9%	520	680	9
43-5081	Stock Clerks and Order Fillers	1,800	1,520	-280	-16%	660	660	10
49-9042	Maintenance and Repair Workers, General	1,840	2,050	210	11%	350	560	11
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,870	2,060	190	10%	360	550	12
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	1,750	1,930	180	10%	370	540	13
53-7064	Packers and Packagers, Hand	1,700	1,920	220	13%	320	530	14
25-2021	Elementary School Teachers, Except Special Education	1,360	1,580	220	16%	300	520	15
35-2021	Food Preparation Workers	1,050	1,190	140	13%	370	520	15
11-1021	General and Operations Managers	1,900	2,040	140	7%	360	500	17
39-3011	Gaming Dealers	710	970	260	37%	220	480	18
37-2012	Maids and Housekeeping Cleaners	1,680	1,790	110	7%	350	460	19
25-9041	Teacher Assistants	1,010	1,240	230	23%	200	420	20
43-9061	Office Clerks, General	1,760	1,740	-20	-1%	390	390	21
35-2014	Cooks, Restaurant	800	930	130	16%	250	380	22
29-2061	Licensed Practical and Licensed Vocational Nurses	1,080	1,210	130	12%	240	370	23
31-1012	Nursing Aides, Orderlies, and Attendants	1,260	1,450	190	15%	170	360	24
43-3041	Gaming Cage Workers	490	600	110	22%	240	350	25
43-4171	Receptionists and Information Clerks	750	920	170	23%	180	350	25
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1,300	1,330	30	2%	300	340	27
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,730	1,650	-80	-5%	320	320	28
43-3071	Tellers	520	580	60	12%	260	320	28
43-6014	Secretaries, Except Legal, Medical, and Executive	1,600	1,490	-110	-7%	310	310	30
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,230	1,260	30	2%	280	310	30
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	360	420	60	17%	230	300	32
51-4041	Machinists	1,080	1,130	50	5%	250	300	32
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,180	1,180	0	0%	300	300	32
25-2031	Secondary School Teachers, Except Special and Vocational Education	610	730	120	20%	170	290	35
53-3022	Bus Drivers, School	770	890	120	16%	170	290	35
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,540	1,480	-60	-4%	280	280	37
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	870	940	70	8%	210	270	38
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	1,250	1,170	-80	-6%	270	270	38
53-7051	Industrial Truck and Tractor Operators	1,450	1,420	-30	-2%	270	270	38
37-3011	Landscaping and Groundskeeping Workers	780	870	90	12%	170	260	41
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	770	810	40	5%	200	240	42
43-6011	Executive Secretaries and Administrative Assistants	1,260	1,160	-100	-8%	240	240	42
47-2111	Electricians	820	900	80	10%	160	240	42
31-1011	Home Health Aides	460	620	160	35%	60	230	45
41-2021	Counter and Rental Clerks	420	470	50	12%	160	220	46
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,060	1,110	50	5%	180	220	46
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	720	740	20	3%	200	220	46
31-9092	Medical Assistants	250	410	160	64%	50	210	49
33-9032	Security Guards	610	680	70	11%	130	210	49
35-2012	Cooks, Institution and Cafeteria	670	630	-40	-6%	210	210	49
35-9021	Dishwashers	470	520	50	11%	160	210	49
39-5012	Hairdressers, Hairstylists, and Cosmetologists	630	720	90	14%	120	210	49
39-9011	Child Care Workers	600	650	50	8%	160	210	49

39-9021	Personal and Home Care Aides	390	540	150	38%	60	210	49
43-5071	Shipping, Receiving, and Traffic Clerks	1,020	940	-80	-8%	210	210	49
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	550	610	60	11%	160	210	49
49-3023	Automotive Service Technicians and Mechanics	610	650	40	7%	160	210	49
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	400	510	110	28%	100	210	49
43-4051	Customer Service Representatives	1,050	1,090	40	4%	160	200	60
17-2141	Mechanical Engineers	700	630	-70	-10%	190	190	61
33-3051	Police and Sheriff's Patrol Officers	440	510	70	16%	110	190	61
51-4121	Welders, Cutters, Solderers, and Brazers	430	500	70	16%	120	190	61
51-9111	Packaging and Filling Machine Operators and Tenders	580	650	70	12%	110	190	61
53-3033	Truck Drivers, Light or Delivery Services	960	1,060	100	10%	90	190	61
35-3011	Bartenders	430	440	10	2%	170	180	66
41-2012	Gaming Change Persons and Booth Cashiers	210	290	80	38%	100	180	66
47-2031	Carpenters	1,030	1,050	20	2%	170	180	66
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	450	520	70	16%	120	180	66
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	700	750	50	7%	120	170	70
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	470	520	50	11%	120	170	70
13-2011	Accountants and Auditors	770	780	10	1%	150	160	72
39-1011	Gaming Supervisors	330	420	90	27%	70	160	72
11-9111	Medical and Health Services Managers	330	410	80	24%	60	150	74
33-2011	Fire Fighters	340	390	50	15%	100	150	74
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	310	360	50	16%	100	150	74
47-2061	Construction Laborers	710	770	60	8%	100	150	74
49-9041	Industrial Machinery Mechanics	510	550	40	8%	100	140	78
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	400	400	0	0%	130	140	78
53-7061	Cleaners of Vehicles and Equipment	360	370	10	3%	130	140	78
17-2112	Industrial Engineers	450	470	20	4%	110	130	81
29-1126	Respiratory Therapists	200	260	60	30%	60	130	81
31-9091	Dental Assistants	190	270	80	42%	50	130	81
43-5052	Postal Service Mail Carriers	410	410	0	0%	130	130	81
47-2073	Operating Engineers and Other Construction Equipment Operators	330	380	50	15%	90	130	81
53-7063	Machine Feeders and Offbearers	490	460	-30	-6%	130	130	81
11-1011	Chief Executives	610	600	-10	-2%	120	120	87
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	230	280	50	22%	70	120	87
43-4081	Hotel, Motel, and Resort Desk Clerks	220	250	30	14%	100	120	87
43-5061	Production, Planning, and Expediting Clerks	380	410	30	8%	90	120	87
47-3012	Helpers--Carpenters	280	290	10	4%	120	120	87
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	410	400	-10	-2%	120	120	87
21-1093	Social and Human Service Assistants	180	260	80	44%	30	110	93
29-2071	Medical Records and Health Information Technicians	200	280	80	40%	30	110	93
47-2152	Plumbers, Pipefitters, and Steamfitters	360	390	30	8%	80	110	93
51-4111	Tool and Die Makers	490	460	-30	-6%	110	110	93
11-3051	Industrial Production Managers	370	400	30	8%	70	100	97
13-1022	Wholesale and Retail Buyers, Except Farm Products	380	270	-110	-29%	100	100	97
25-2022	Middle School Teachers, Except Special and Vocational Education	310	350	40	13%	70	100	97
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	180	240	60	33%	40	100	97
29-2021	Dental Hygienists	210	300	90	43%	20	100	97
35-2011	Cooks, Fast Food	320	310	-10	-3%	100	100	97
41-3021	Insurance Sales Agents	290	320	30	10%	70	100	97
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	130	200	70	54%	30	100	97
43-6013	Medical Secretaries	330	360	30	9%	60	100	97
51-2031	Engine and Other Machine Assemblers	370	360	-10	-3%	100	100	97
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	510	-10	-2%	100	100	97
35-2015	Cooks, Short Order	280	280	0	0%	90	90	108
39-3031	Ushers, Lobby Attendants, and Ticket Takers	130	150	20	15%	80	90	108
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	250	270	20	8%	70	90	108
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	480	460	-20	-4%	90	90	108
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	240	280	40	17%	60	90	108
11-9011	Farm, Ranch, and Other Agricultural Managers	210	250	40	19%	40	80	113
11-9021	Construction Managers	380	390	10	3%	70	80	113
11-9032	Education Administrators, Elementary and Secondary School	170	210	40	24%	40	80	113
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	260	280	20	8%	70	80	113
25-2011	Preschool Teachers, Except Special Education	240	290	50	21%	30	80	113
51-8031	Water and Liquid Waste Treatment Plant and System Operators	150	180	30	20%	50	80	113
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	190	220	30	16%	60	80	113
17-3013	Mechanical Drafters	260	240	-20	-8%	70	70	120
17-3027	Mechanical Engineering Technicians	340	300	-40	-12%	70	70	120

21-1012	Educational, Vocational, and School Counselors	170	200	30	18%	40	70	120
29-1127	Speech-Language Pathologists	140	170	30	21%	30	70	120
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	220	240	20	9%	50	70	120
39-9031	Fitness Trainers and Aerobics Instructors	110	150	40	36%	20	70	120
39-9032	Recreation Workers	190	220	30	16%	40	70	120
41-2022	Parts Salespersons	260	240	-20	-8%	70	70	120
43-3051	Payroll and Timekeeping Clerks	250	230	-20	-8%	70	70	120
47-2051	Cement Masons and Concrete Finishers	190	220	30	16%	40	70	120
49-3093	Tire Repairers and Changers	150	150	0	0%	60	70	120
51-3011	Bakers	290	300	10	3%	70	70	120
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	230	210	-20	-9%	70	70	120
51-7011	Cabinetmakers and Bench Carpenters	260	250	-10	-4%	70	70	120
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	280	270	-10	-4%	70	70	120
11-2022	Sales Managers	210	240	30	14%	40	60	135
11-3031	Financial Managers	410	410	0	0%	60	60	135
11-9051	Food Service Managers	290	300	10	3%	50	60	135
19-3031	Clinical, Counseling, and School Psychologists	100	130	30	30%	20	60	135
21-1021	Child, Family, and School Social Workers	300	300	0	0%	50	60	135
25-2012	Kindergarten Teachers, Except Special Education	140	180	40	29%	20	60	135
25-3021	Self-Enrichment Education Teachers	130	170	40	31%	20	60	135
29-1051	Pharmacists	190	220	30	16%	40	60	135
29-1062	Family and General Practitioners	160	200	40	25%	20	60	135
29-2034	Radiologic Technologists and Technicians	170	200	30	18%	30	60	135
29-2052	Pharmacy Technicians	200	230	30	15%	30	60	135
29-2053	Psychiatric Technicians	430	330	-100	-23%	60	60	135
33-3012	Correctional Officers and Jailers	230	240	10	4%	50	60	135
39-1012	Slot Key Persons	120	150	30	25%	30	60	135
39-1021	First-Line Supervisors/Managers of Personal Service Workers	220	210	-10	-5%	60	60	135
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	290	290	0	0%	50	60	135
43-3011	Bill and Account Collectors	150	180	30	20%	30	60	135
43-3021	Billing and Posting Clerks and Machine Operators	380	370	-10	-3%	60	60	135
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	140	140	0	0%	60	60	135
49-9051	Electrical Power-Line Installers and Repairers	180	180	0	0%	60	60	135
51-6092	Fabric and Apparel Patternmakers	110	120	10	9%	50	60	135
11-9041	Engineering Managers	240	240	0	0%	50	50	156
13-1071	Employment, Recruitment, and Placement Specialists	130	160	30	23%	20	50	156
13-1073	Training and Development Specialists	150	170	20	13%	20	50	156
29-2041	Emergency Medical Technicians and Paramedics	200	220	20	10%	20	50	156
35-1011	Chefs and Head Cooks	110	130	20	18%	30	50	156
43-2011	Switchboard Operators, Including Answering Service	210	190	-20	-10%	50	50	156
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	160	170	10	6%	30	50	156
43-5032	Dispatchers, Except Police, Fire, and Ambulance	110	140	30	27%	20	50	156
43-9021	Data Entry Keyers	200	150	-50	-25%	50	50	156
47-2181	Roofers	170	180	10	6%	40	50	156
47-4041	Hazardous Materials Removal Workers	100	130	30	30%	30	50	156
47-4051	Highway Maintenance Workers	350	330	-20	-6%	50	50	156
49-9098	Helpers--Installation, Maintenance, and Repair Workers	110	120	10	9%	40	50	156
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	190	210	20	11%	30	50	156
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	210	200	-10	-5%	50	50	156
51-5023	Printing Machine Operators	230	220	-10	-4%	50	50	156
51-6011	Laundry and Dry-Cleaning Workers	180	170	-10	-6%	50	50	156
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	180	180	0	0%	50	50	156
51-9022	Grinding and Polishing Workers, Hand	120	140	20	17%	30	50	156
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	200	200	0	0%	50	50	156
51-9081	Dental Laboratory Technicians	220	220	0	0%	50	50	156
51-9191	Cementing and Gluing Machine Operators and Tenders	170	140	-30	-18%	50	50	156
51-9196	Paper Goods Machine Setters, Operators, and Tenders	250	230	-20	-8%	50	50	156
11-3021	Computer and Information Systems Managers	210	210	0	0%	40	40	179
13-1051	Cost Estimators	140	150	10	7%	30	40	179
13-1111	Management Analysts	270	270	0	0%	40	40	179
13-2021	Appraisers and Assessors of Real Estate	90	110	20	22%	20	40	179
13-2072	Loan Officers	160	170	10	6%	30	40	179
15-1031	Computer Software Engineers, Applications	380	370	-10	-3%	40	40	179
15-1041	Computer Support Specialists	230	240	10	4%	30	40	179
15-1051	Computer Systems Analysts	190	210	20	11%	20	40	179
17-3031	Surveying and Mapping Technicians	100	100	0	0%	40	40	179
19-4031	Chemical Technicians	90	110	20	22%	20	40	179

25-1011	Business Teachers, Postsecondary	60	90	30	50%	10	40	179
25-1021	Computer Science Teachers, Postsecondary	60	80	20	33%	10	40	179
25-2043	Special Education Teachers, Secondary School	70	90	20	29%	20	40	179
27-3031	Public Relations Specialists	140	160	20	14%	20	40	179
29-2011	Medical and Clinical Laboratory Technologists	100	110	10	10%	30	40	179
31-1013	Psychiatric Aides	160	180	20	13%	20	40	179
31-9094	Medical Transcriptionists	100	120	20	20%	20	40	179
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	90	110	20	22%	20	40	179
35-3041	Food Servers, Nonrestaurant	110	100	-10	-9%	40	40	179
39-3091	Amusement and Recreation Attendants	60	80	20	33%	20	40	179
39-4021	Funeral Attendants	70	90	20	29%	10	40	179
41-9021	Real Estate Brokers	130	140	10	8%	30	40	179
43-4071	File Clerks	120	110	-10	-8%	40	40	179
43-4121	Library Assistants, Clerical	60	70	10	17%	20	40	179
43-5041	Meter Readers, Utilities	120	100	-20	-17%	40	40	179
43-9011	Computer Operators	200	130	-70	-35%	40	40	179
43-9041	Insurance Claims and Policy Processing Clerks	190	190	0	0%	30	40	179
47-2021	Brickmasons and Blockmasons	170	180	10	6%	30	40	179
47-2071	Paving, Surfacing, and Tamping Equipment Operators	140	150	10	7%	20	40	179
47-2151	Pipelayers	110	120	10	9%	20	40	179
47-3016	Helpers--Roofers	80	80	0	0%	30	40	179
49-9011	Mechanical Door Repairers	90	110	20	22%	20	40	179
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	140	170	30	21%	20	40	179
51-2041	Structural Metal Fabricators and Fitters	170	150	-20	-12%	40	40	179
51-3023	Slaughterers and Meat Packers	120	130	10	8%	30	40	179
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	140	140	0	0%	40	40	179
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	140	130	-10	-7%	40	40	179
53-5021	Captains, Mates, and Pilots of Water Vessels	60	80	20	33%	20	40	179
53-7021	Crane and Tower Operators	130	140	10	8%	30	40	179
11-2021	Marketing Managers	180	180	0	0%	30	30	218
11-3011	Administrative Services Managers	130	130	0	0%	30	30	218
11-3040	Human Resources Managers	180	180	0	0%	30	30	218
11-3061	Purchasing Managers	130	110	-20	-15%	30	30	218
11-3071	Transportation, Storage, and Distribution Managers	130	130	0	0%	30	30	218
11-9071	Gaming Managers	70	90	20	29%	10	30	218
11-9151	Social and Community Service Managers	110	120	10	9%	20	30	218
13-2082	Tax Preparers	70	80	10	14%	10	30	218
15-1021	Computer Programmers	120	100	-20	-17%	30	30	218
15-1071	Network and Computer Systems Administrators	110	130	20	18%	10	30	218
17-1022	Surveyors	70	80	10	14%	20	30	218
17-2071	Electrical Engineers	110	120	10	9%	20	30	218
17-3023	Electrical and Electronic Engineering Technicians	160	150	-10	-6%	30	30	218
17-3026	Industrial Engineering Technicians	130	130	0	0%	30	30	218
19-2031	Chemists	60	70	10	17%	20	30	218
19-3021	Market Research Analysts	120	120	0	0%	30	30	218
23-1011	Lawyers	200	200	0	0%	30	30	218
23-2011	Paralegals and Legal Assistants	190	210	20	11%	20	30	218
25-1022	Mathematical Science Teachers, Postsecondary	50	70	20	40%	10	30	218
25-1072	Nursing Instructors and Teachers, Postsecondary	50	60	10	20%	10	30	218
25-1123	English Language and Literature Teachers, Postsecondary	50	70	20	40%	10	30	218
25-2032	Vocational Education Teachers, Secondary School	80	80	0	0%	20	30	218
25-2042	Special Education Teachers, Middle School	50	70	20	40%	10	30	218
25-4021	Librarians	100	100	0	0%	20	30	218
25-4031	Library Technicians	50	60	10	20%	20	30	218
27-4021	Photographers	80	90	10	13%	20	30	218
29-1020	Dentists	150	150	0	0%	20	30	218
29-1071	Physician Assistants	40	70	30	75%	10	30	218
29-1123	Physical Therapists	160	170	10	6%	20	30	218
29-2055	Surgical Technologists	70	80	10	14%	10	30	218
33-1012	First-Line Supervisors/Managers of Police and Detectives	90	90	0	0%	30	30	218
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	50	50	0	0%	20	30	218
33-9031	Gaming Surveillance Officers and Gaming Investigators	60	80	20	33%	10	30	218
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	30	218
41-9022	Real Estate Sales Agents	140	140	0	0%	30	30	218
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	30	218
43-4141	New Accounts Clerks	80	90	10	13%	20	30	218
43-4151	Order Clerks	140	110	-30	-21%	30	30	218

43-5031	Police, Fire, and Ambulance Dispatchers	100	110	10	10%	20	30	218
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	100	90	-10	-10%	30	30	218
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	100	110	10	10%	30	30	218
47-2211	Sheet Metal Workers	90	100	10	11%	20	30	218
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	218
49-9044	Millwrights	130	130	0	0%	30	30	218
49-9052	Telecommunications Line Installers and Repairers	90	100	10	11%	30	30	218
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	70	80	10	14%	20	30	218
51-2022	Electrical and Electronic Equipment Assemblers	90	100	10	11%	20	30	218
51-3021	Butchers and Meat Cutters	140	120	-20	-14%	30	30	218
51-3092	Food Batchmakers	70	80	10	14%	20	30	218
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	150	140	-10	-7%	30	30	218
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	140	140	0	0%	30	30	218
51-4052	Pourers and Casters, Metal	130	110	-20	-15%	30	30	218
51-6031	Sewing Machine Operators	270	260	-10	-4%	30	30	218
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	218
51-8013	Power Plant Operators	120	120	0	0%	30	30	218
53-3031	Driver/Sales Workers	170	150	-20	-12%	30	30	218
53-6021	Parking Lot Attendants	80	90	10	13%	20	30	218
53-6031	Service Station Attendants	60	60	0	0%	30	30	218
53-7011	Conveyor Operators and Tenders	80	90	10	13%	20	30	218
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	40	0	0%	10	20	277
11-9081	Lodging Managers	110	110	0	0%	20	20	277
11-9141	Property, Real Estate, and Community Association Managers	90	90	0	0%	20	20	277
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	80	80	0	0%	20	20	277
13-1072	Compensation, Benefits, and Job Analysis Specialists	80	90	10	13%	10	20	277
13-2051	Financial Analysts	60	70	10	17%	10	20	277
15-1032	Computer Software Engineers, Systems Software	100	110	10	10%	10	20	277
17-2051	Civil Engineers	90	90	0	0%	20	20	277
17-2081	Environmental Engineers	20	40	20	100%	0	20	277
17-2131	Materials Engineers	50	50	0	0%	10	20	277
19-1022	Microbiologists	40	50	10	25%	10	20	277
19-4021	Biological Technicians	80	90	10	13%	10	20	277
21-1014	Mental Health Counselors	50	50	0	0%	10	20	277
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	277
25-1032	Engineering Teachers, Postsecondary	30	30	0	0%	10	20	277
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	50	60	10	20%	10	20	277
27-1021	Commercial and Industrial Designers	120	120	0	0%	20	20	277
27-2031	Dancers	40	40	0	0%	20	20	277
27-2032	Choreographers	30	40	10	33%	20	20	277
27-3010	Announcers	90	80	-10	-11%	20	20	277
27-3020	News Analysts, Reporters and Correspondents	60	60	0	0%	20	20	277
29-1063	Internists, General	40	50	10	25%	10	20	277
29-1066	Psychiatrists	50	60	10	20%	10	20	277
29-1067	Surgeons	40	50	10	25%	10	20	277
29-1122	Occupational Therapists	60	70	10	17%	10	20	277
29-1131	Veterinarians	40	50	10	25%	10	20	277
29-2012	Medical and Clinical Laboratory Technicians	50	60	10	20%	10	20	277
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	20	277
29-2056	Veterinary Technologists and Technicians	30	40	10	33%	0	20	277
29-2081	Opticians, Dispensing	80	90	10	13%	10	20	277
31-2021	Physical Therapist Assistants	50	60	10	20%	10	20	277
31-9011	Massage Therapists	40	50	10	25%	10	20	277
31-9093	Medical Equipment Preparers	50	60	10	20%	10	20	277
33-9091	Crossing Guards	50	50	0	0%	20	20	277
39-2021	Nonfarm Animal Caretakers	50	60	10	20%	10	20	277
41-3011	Advertising Sales Agents	70	80	10	14%	10	20	277
41-9041	Telemarketers	80	80	0	0%	10	20	277
43-3061	Procurement Clerks	60	50	-10	-17%	20	20	277
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	277
43-4131	Loan Interviewers and Clerks	110	100	-10	-9%	20	20	277
43-5021	Couriers and Messengers	90	80	-10	-11%	20	20	277
43-5051	Postal Service Clerks	60	60	0	0%	20	20	277
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	50	40	-10	-20%	20	20	277
43-9071	Office Machine Operators, Except Computer	80	70	-10	-13%	20	20	277
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	277
45-2091	Agricultural Equipment Operators	50	60	10	20%	20	20	277

45-2093	Farmworkers, Farm and Ranch Animals	40	40	0	0%	10	20	277
47-2121	Glaziers	60	70	10	17%	10	20	277
47-2141	Painters, Construction and Maintenance	140	140	0	0%	20	20	277
47-2221	Structural Iron and Steel Workers	60	70	10	17%	10	20	277
49-2011	Computer, Automated Teller, and Office Machine Repairers	90	100	10	11%	10	20	277
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	100	90	-10	-10%	20	20	277
49-3022	Automotive Glass Installers and Repairers	80	80	0	0%	20	20	277
49-9043	Maintenance Workers, Machinery	80	80	0	0%	20	20	277
51-2023	Electromechanical Equipment Assemblers	20	30	10	50%	0	20	277
51-2091	Fiberglass Laminators and Fabricators	70	70	0	0%	20	20	277
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	40	50	10	25%	10	20	277
51-4012	Numerical Tool and Process Control Programmers	80	90	10	13%	10	20	277
51-4194	Tool Grinders, Filers, and Sharpeners	70	50	-20	-29%	20	20	277
51-5022	Prepress Technicians and Workers	90	80	-10	-11%	20	20	277
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	60	70	10	17%	10	20	277
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	70	0	0%	10	20	277
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	60	60	0	0%	20	20	277
51-9122	Painters, Transportation Equipment	60	60	0	0%	20	20	277
51-9123	Painting, Coating, and Decorating Workers	20	40	20	100%	10	20	277
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	60	70	10	17%	20	20	277
51-9194	Etchers and Engravers	50	60	10	20%	20	20	277
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	60	70	10	17%	20	20	277
53-3021	Bus Drivers, Transit and Intercity	40	40	0	0%	10	20	277
53-7032	Excavating and Loading Machine and Dragline Operators	70	70	0	0%	20	20	277
11-2011	Advertising and Promotions Managers	70	70	0	0%	10	10	347
11-2031	Public Relations Managers	60	60	0	0%	10	10	347
11-9033	Education Administrators, Postsecondary	30	30	0	0%	10	10	347
11-9061	Funeral Directors	30	30	0	0%	10	10	347
11-9121	Natural Sciences Managers	40	30	-10	-25%	10	10	347
11-9131	Postmasters and Mail Superintendents	60	60	0	0%	10	10	347
11-1031	Legislators	100	100	0	0%	10	10	347
13-1021	Purchasing Agents and Buyers, Farm Products	30	30	0	0%	10	10	347
13-1031	Claims Adjusters, Examiners, and Investigators	40	40	0	0%	10	10	347
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	347
13-2031	Budget Analysts	30	30	0	0%	10	10	347
13-2041	Credit Analysts	50	60	10	20%	10	10	347
13-2081	Tax Examiners, Collectors, and Revenue Agents	20	20	0	0%	10	10	347
15-1061	Database Administrators	60	60	0	0%	10	10	347
15-1081	Network Systems and Data Communications Analysts	50	50	0	0%	10	10	347
15-2031	Operations Research Analysts	60	50	-10	-17%	10	10	347
17-1011	Architects, Except Landscape and Naval	30	30	0	0%	0	10	347
17-2031	Biomedical Engineers	20	30	10	50%	0	10	347
17-2072	Electronics Engineers, Except Computer	40	40	0	0%	10	10	347
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	40	40	0	0%	10	10	347
17-3011	Architectural and Civil Drafters	40	50	10	25%	10	10	347
17-3012	Electrical and Electronics Drafters	20	20	0	0%	10	10	347
17-3022	Civil Engineering Technicians	40	30	-10	-25%	10	10	347
17-3024	Electro-Mechanical Technicians	20	20	0	0%	10	10	347
19-1031	Conservation Scientists	20	20	0	0%	10	10	347
19-3051	Urban and Regional Planners	20	20	0	0%	10	10	347
19-4091	Environmental Science and Protection Technicians, Including Health	20	30	10	50%	10	10	347
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	30	0	0%	10	10	347
21-1013	Marriage and Family Therapists	20	30	10	50%	10	10	347
21-1015	Rehabilitation Counselors	20	30	10	50%	10	10	347
21-1022	Medical and Public Health Social Workers	20	30	10	50%	0	10	347
21-1091	Health Educators	40	40	0	0%	10	10	347
21-1092	Probation Officers and Correctional Treatment Specialists	50	50	0	0%	10	10	347
23-1023	Judges, Magistrate Judges, and Magistrates	40	40	0	0%	10	10	347
23-2093	Title Examiners, Abstractors, and Searchers	70	60	-10	-14%	10	10	347
25-1071	Health Specialties Teachers, Postsecondary	20	30	10	50%	10	10	347
25-1121	Art, Drama, and Music Teachers, Postsecondary	20	20	0	0%	0	10	347
25-1122	Communications Teachers, Postsecondary	20	30	10	50%	0	10	347
25-9031	Instructional Coordinators	30	30	0	0%	0	10	347
27-1023	Floral Designers	60	70	10	17%	10	10	347
27-1024	Graphic Designers	50	50	0	0%	10	10	347
27-2022	Coaches and Scouts	20	30	10	50%	0	10	347
27-2042	Musicians and Singers	60	50	-10	-17%	10	10	347

27-3041	Editors	40	40	0	0%	10	10	347
27-3042	Technical Writers	30	30	0	0%	10	10	347
27-3043	Writers and Authors	30	30	0	0%	10	10	347
29-1011	Chiropractors	50	50	0	0%	10	10	347
29-1031	Dietitians and Nutritionists	40	40	0	0%	10	10	347
29-1041	Optometrists	40	40	0	0%	10	10	347
29-1065	Pediatricians, General	20	20	0	0%	0	10	347
29-1121	Audiologists	20	20	0	0%	0	10	347
29-1124	Radiation Therapists	20	30	10	50%	0	10	347
29-1125	Recreational Therapists	20	20	0	0%	10	10	347
29-2031	Cardiovascular Technologists and Technicians	20	30	10	50%	0	10	347
29-2032	Diagnostic Medical Sonographers	20	20	0	0%	0	10	347
29-2033	Nuclear Medicine Technologists	20	20	0	0%	0	10	347
29-9010	Occupational Health and Safety Specialists and Technicians	30	30	0	0%	10	10	347
31-2022	Physical Therapist Aides	20	20	0	0%	0	10	347
31-9095	Pharmacy Aides	50	50	0	0%	10	10	347
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	40	0	0%	10	10	347
33-3021	Detectives and Criminal Investigators	40	40	0	0%	10	10	347
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	347
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	347
39-4011	Embalmers	20	30	10	50%	0	10	347
39-6021	Tour Guides and Escorts	20	20	0	0%	10	10	347
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	40	-10	-20%	10	10	347
41-3041	Travel Agents	20	20	0	0%	0	10	347
41-9011	Demonstrators and Product Promoters	40	40	0	0%	10	10	347
41-9031	Sales Engineers	30	30	0	0%	10	10	347
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	30	30	0	0%	10	10	347
43-4041	Credit Authorizers, Checkers, and Clerks	40	30	-10	-25%	10	10	347
43-4061	Eligibility Interviewers, Government Programs	50	40	-10	-20%	10	10	347
43-5011	Cargo and Freight Agents	20	30	10	50%	10	10	347
43-6012	Legal Secretaries	70	70	0	0%	10	10	347
43-9022	Word Processors and Typists	30	20	-10	-33%	10	10	347
43-9031	Desktop Publishers	30	30	0	0%	10	10	347
45-2041	Graders and Sorters, Agricultural Products	20	20	0	0%	10	10	347
45-4022	Logging Equipment Operators	20	20	0	0%	0	10	347
45-4023	Log Graders and Scalers	30	30	0	0%	10	10	347
47-2041	Carpet Installers	40	40	0	0%	10	10	347
47-2171	Reinforcing Iron and Rebar Workers	20	30	10	50%	10	10	347
47-3013	Helpers--Electricians	30	30	0	0%	10	10	347
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	30	30	0	0%	10	10	347
47-4011	Construction and Building Inspectors	40	50	10	25%	10	10	347
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	20	0	0%	0	10	347
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	10	347
49-2092	Electric Motor, Power Tool, and Related Repairers	40	40	0	0%	10	10	347
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	30	30	0	0%	10	10	347
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	40	40	0	0%	10	10	347
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	30	20	-10	-33%	10	10	347
49-3041	Farm Equipment Mechanics	30	40	10	33%	10	10	347
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	60	60	0	0%	10	10	347
49-3052	Motorcycle Mechanics	40	40	0	0%	10	10	347
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	347
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	20	20	0	0%	10	10	347
49-9031	Home Appliance Repairers	30	20	-10	-33%	10	10	347
51-2021	Coil Winders, Tapers, and Finishers	40	40	0	0%	10	10	347
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	10	347
51-4051	Metal-Refining Furnace Operators and Tenders	40	30	-10	-25%	10	10	347
51-4062	Patternmakers, Metal and Plastic	20	10	-10	-50%	10	10	347
51-4192	Lay-Out Workers, Metal and Plastic	40	30	-10	-25%	10	10	347
51-5011	Bindery Workers	20	20	0	0%	10	10	347
51-5021	Job Printers	20	20	0	0%	10	10	347
51-7021	Furniture Finishers	70	60	-10	-14%	10	10	347
51-8012	Power Distributors and Dispatchers	30	30	0	0%	10	10	347
51-8021	Stationary Engineers and Boiler Operators	50	40	-10	-20%	10	10	347
51-9011	Chemical Equipment Operators and Tenders	20	20	0	0%	10	10	347
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	30	20	-10	-33%	10	10	347
51-9132	Photographic Processing Machine Operators	30	30	0	0%	10	10	347
53-2012	Commercial Pilots	30	30	0	0%	10	10	347

53-3041	Taxi Drivers and Chauffeurs	60	70	10	17%	10	10	347
53-7033	Loading Machine Operators, Underground Mining	30	30	0	0%	10	10	347
53-7041	Hoist and Winch Operators	20	20	0	0%	10	10	347
53-7081	Refuse and Recyclable Material Collectors	40	40	0	0%	10	10	347
13-2053	Insurance Underwriters	20	20	0	0%	0	0	461
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	0	461
23-1022	Arbitrators, Mediators, and Conciliators	30	30	0	0%	0	0	461
23-2091	Court Reporters	30	30	0	0%	0	0	461
23-2092	Law Clerks	40	40	0	0%	0	0	461
25-4010	Archivists, Curators, and Museum Technicians	20	20	0	0%	0	0	461
27-1011	Art Directors	20	10	-10	-50%	0	0	461
27-1025	Interior Designers	20	20	0	0%	0	0	461
27-1026	Merchandise Displayers and Window Trimmers	20	20	0	0%	0	0	461
33-3011	Bailiffs	20	20	0	0%	0	0	461
33-9021	Private Detectives and Investigators	20	10	-10	-50%	0	0	461
37-2021	Pest Control Workers	20	20	0	0%	0	0	461
43-4011	Brokerage Clerks	20	20	0	0%	0	0	461
47-2022	Stonemasons	20	20	0	0%	0	0	461
47-2082	Tapers	20	20	0	0%	0	0	461
51-6021	Pressers, Textile, Garment, and Related Materials	20	20	0	0%	0	0	461
51-9031	Cutters and Trimmers, Hand	20	20	0	0%	0	0	461
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	0	461
51-9131	Photographic Process Workers	20	20	0	0%	0	0	461
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	30	20	-10	-33%	0	0	461
53-6051	Transportation Inspectors	20	10	-10	-50%	0	0	461
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	461

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.